

APPENDIX F

DATA VALIDATION SUMMARY REPORTS

Data Validation Summary Report
For Data Collected By QST Environmental, Inc. at the
Ground Scar with Trenches at Littlebrant Drive, Parcel 154(7)
QST Site SI17
Fort McClellan, Calhoun County, Alabama

1.0 Introduction

Level III data validation was performed on 100% of the environmental samples collected by QST for Site SI17. The analytical data consisted of several SDG's, which were analyzed by QST Environmental and Savannah Laboratories (soil samples for VOC analysis). The chemical parameters for which the samples were analyzed and validated are identified below:

| Parameter (Method) |
|--|
| Volatile Organic Compounds by SW846 8260B |
| Semivolatile Organic Compounds by SW846 8270C |
| Inorganic Compounds (TAL Metals) by SW846 6010B |
| Inorganic Compounds (Mercury) by SW846 7471/7470 |
| Organochlorine Pesticides/PCBs by SW 846 8081A |
| Herbicides by SW846 8150 |
| Nitroaromatics/Nitramines by SW846 8330 |
| Total Organic Carbon by SW846 9060 |

2.0 Procedures

The sample data were validated following the logic identified in the USEPA 540/R-94-013 Contract Laboratory Program (CLP) National Functional Guidelines For Inorganic Data Review (February 1994) and USEPA 540/R-99/008 Contract Laboratory Program National Functional Guidelines For Organic Review (October 1999) for all areas except Blanks. Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (April 1993) and Region III National Functional Guidelines for Organic Data Review (June 1992) were applied to the areas associated with blank contamination. Specific quality control (QC) criteria, as identified in the Quality Assurance Plan (QAP) and data deliverables were applied to all sample results. It should be noted where there were discrepancies in the QC criteria identified in the QAP and the data deliverables, the QC criteria identified in the data deliverables was applied. It should also be noted that the range for QC criteria was not always identified in the deliverables. The lab "flagged" the data that did not meet acceptance criteria. In these cases, the data were qualified to indicate the bias. Biased low results were estimated (qualified "J/UJ") and biased high resulted only in positive results being estimated (qualified "J").

The data validation process not only included a thorough review of the data deliverables, which resulted in validation qualifiers being applied, but also included a detailed evaluation of the electronic results for the historical QST data which were downloaded from the “Installation Restoration Data Information Management System (IRDIMS)”. During this evaluation it was discovered that various electronic results, which were actually detected hits below the Reporting Limits (RL), were reported as non-detects. These results were changed in the database to reflect the actual concentration from the quantitation reports found in the data deliverable and qualified as estimated values below the RL. During the comparison of the hard copy and electronic data, it was also determined that non-detect reported concentrations for soil samples reported electronically were not corrected for moisture content and the hard copy used the correct moisture content to report results on an as received basis.

As the result of the use of Update III SW846 test methods for the analytical data and the application of the CLP guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, Gas Chromatograph (GC) and Gas Chromatograph/Mass Spectra (GC/MS) calibration areas and is due to the fact that the analytical methods are “performance-based”, and allows the use of average calibration responses, in lieu of, individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as, in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements and technical judgement, following the logic of the CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable. The only rejected data (“R” qualified) were “poor performing” volatile compounds (ketones, some halogenated hydrocarbons, e.g.), which exhibited poor calibration responses in the associated calibration data, organic compounds which experienced low laboratory control sample recoveries, and samples that were reanalyzed and have more than one result reported. The “R” qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the

analytical results and the validation qualifiers assigned for Site SI17. It also identifies the 'use' column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions are also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatile Organic Compounds by SW846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following demonstrated RRFs below 0.1 in the ICAL and/or CCAL or Correlation Coefficient ($R^2 < 0.990$): Non-detect results were rejected (qualified 'R'); Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--|--------------|----------------------|
| QST11 | 17-SS01B-FD, 17-SS03A, 17-SS03B, 17-SS04A, 17-SS04B, 17-SS01A-FD, 17-SS01B | Bromomethane | R |
| QST12 | 17-SS08 | Bromomethane | R |

All sample criteria for individual ICAL %RSD>30 and/or CCAL %D>20 was found to be acceptable with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|---|--|----------------------|
| QST11 | 17-SS01A | 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 2-Butanone, 4-Methyl-2-pentanone, Bromoform, Dibromochloromethane, Tetrachloroethene, Vinyl Acetate, trans-1,3-Dichloropropene | J/UJ |
| QST11 | 17-SS01B-FD, 17-SS03A, 17-SS03B, 17-SS04A, 17-SS04B, 17-SS01A-FD, 17-SS01A-FD, 17-SS01B | Bromomethane, 1,1,2,2-Tetrachloroethane, 1,2-Dichloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Bromodichloromethane, Bromoform, Carbon tetrachloride, Dibromochloromethane, Vinyl Acetate, trans-1,3-Dichloropropene | R/UJ |
| QST11 | 17-SS02B | 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dichloroethane, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromoform, Bromomethane, Chloromethane, Dibromochloromethane, Tetrachloroethene, Vinyl Acetate, trans-1,3-Dichloropropene | J/UJ |
| QST11 | 17-SS06 | 1,1,2,2-Tetrachloroethane, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromoform | J/UJ |
| QST11 | 17-SS02A, 17-SS05, 17-SS07 | 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromoform, Dibromochloromethane, Tetrachloroethene | J/UJ |
| QST12 | 17-SS08 | 1,1,2,2-Tetrachloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Bromoform, 1,2-Dichloroethane, Bromomethane, Bromodichloromethane, Carbon Tetrachloride, Dibromochloromethane, Vinyl Acetate, trans-1,3-Dichloropropene | UJ/R |
| QST12 | 17-TP03, TP04 | 1,1,2,2-Tetrachloroethane, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromoform | |
| QST11 | 17-TP01 | 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromoform, Dibromochloromethane, Styrene, Tetrachloroethene | J/UJ |

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip, and method blanks was applied to all sample results. All were found to be acceptable

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Field Duplicates

Original and field duplicate results were evaluated and the following exceeded RPD QC criteria (35% Water/50% Soil):

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|-----------------------------|--|----------------------|
| QST11 | 17-SS01A and 17-SS01A-FD | 2-Butanone, Tetrachloroethene, Benzene, 1,1,1-Trichloroethane, 1,2-Dichloropropane, Acetone, Ethylbenzene, Methylene Chloride, Toluene, Trichloroethene, Xylene(Total) | J |
| QST11 | 17-SS01B-FD and 17-SS01B-FD | 1,2-Dichloropropane, 1,1,1-Trichloroethane, Trichloroethene | J |

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.2 Semivolatile Organic Compounds by SW846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20: Non-detect results were estimated (qualified 'UJ'); Unless rejected (qualified 'R') due to ICAL/CCAL minimum RRF criteria not met; Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--|---|----------------------|
| XEMP | 17-SS01B, 17-SS01B-FD, 17-SS04B, 17-SS03B | 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine, 4-Chloroaniline, Butyl Benzyl Phthalate, Pyrene, n-Nitroso-di-n-propylamine, bis(2-Ethylhexyl)phthalate | UJ/B |
| XEMP | 17-SS01A-FD, 17-SS01A, 17-SS03A, 17-SS04A | 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine, 4-Chloroaniline, Butyl Benzyl Phthalate, Isophorone, Pyrene, n-Nitroso-di-n-propylamine, bis(2-Ethylhexyl)phthalate | UJ |
| XENP | 17-TP01, 17-SS05 | 2,4-Dinitrophenol, 4-Chloroaniline, Butyl Benzyl Phthalate, Isophorone, bis(2-Chloroethyl)ether, n-Nitroso-di-n-propylamine, bis(2-Ethylhexyl)phthalate | UJ |
| XENP | 17-TP03, 17-SS08, 17-SS02B | 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine, 4-Chloroaniline, Butyl Benzyl Phthalate, Isophorone, bis(2-Chloroethyl)ether, n-Nitroso-di-n-propylamine, bis(2-Ethylhexyl)phthalate | J/UJ |
| XENP | 17-SS02A, 17-SS06, 17-SS07, 17-TP02, 17-TP04 | 2,4-Dinitrophenol, 4-Chloroaniline, Butyl Benzyl Phthalate, Pyrene, n-Nitroso-di-n-propylamine, bis(2-Ethylhexyl)phthalate | J/UJ |

- ‘B’ qualifiers assigned to designate blank contamination, which are identification qualifiers, take precedence over estimating qualifiers, assigned due to quantitation.

Blanks

The 5X/10X rule for contaminants found in the associated method blanks was applied to all sample results. All were found to be acceptable with the exception of the following:

| SDG Number | Sample Number | Compound | Blank Contaminant | Validation Qualifier |
|------------|--|----------------------------|-------------------|----------------------|
| XEMP | 17-SS01B, 17-SS04B, 17-SS03B, 17-SS01A, 17-SS03A, 17-SS04A, 17-SS01A-FD | Bis(2-Ethylhexyl)phthalate | Method | B |
| XENP | 17-TP01, 17-TP03, 17-SS08, 17-SS02B, 17-SS05, 17-SS06, 17-SS07, 17-TP02, 17-TP04 | Bis(2-Ethylhexyl)phthalate | Method | B |

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--|--------------------|----------------------|
| XENP | 17-TP01, 17-TP03, 17-SS08, 17-SS02B, 17-SS05, 17-SS02A, 17-SS06, 17-SS07, 17-TP02, 17-TP04 | 2,4-Dinitrotoluene | UJ |

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--|---------------------------|----------------------|
| XENP | 17-TP01, 17-TP03, 17-SS08, 17-SS02B, 17-SS05, 17-SS02A, 17-SS06, 17-SS07, 17-TP02, 17-TP04 | Hexachlorocyclopentadiene | R |

Internal Standards

All internal standards met QC criteria.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.3 Metals by SW846 6010B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were found to be acceptable.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Post Digestion Spike

Post digestion spike was performed for the project samples and all QC criteria were met.

Laboratory Control Sample (LCS)

LCS was performed for the project samples and all QC criteria were met.

Interference Check Sample (ICS)

All ICS % recoveries were acceptable. All QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met with the exception of the following.

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--------------------------|--|----------------------|
| SLAP | 17-SS01A and 17-SS01A-FD | Chromium, Iron, Magnesium, Manganese, Vanadium | J |
| SLAP | 17-SS01B and 17-SS01B-FD | All reported compounds | J |

Sample Quantitation

Results quantitated between the IDL and the RL were qualified as estimated (J) unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.4 Mercury by SW846 7471/7470

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were found to be acceptable.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample (LCS)

LCS was performed for the project samples and all QC criteria were met.

Interference Check Sample (ICS)

All ICS % recoveries were acceptable. All QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--------------------------|----------|----------------------|
| SLBP | 17-SS01A and 17-SS01A-FD | Mercury | J |
| SLBP | 17-SS01B and 17-SS01B-FD | Mercury | J |

Sample Quantitation

Results quantitated between the IDL and the RL were qualified as estimated (J) unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.5 Organochlorine Pesticides by SW846 8081A

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--|----------------------|----------------------|
| TLXE | 17-SS04B, 17-SS05, 17-SS06, 17-SS07, 17-SS08, 17-SS01A-FD, 17-SS01A, 17-SS01B-FD, 17-SS01B | All reported Targets | UJ |
| TLVE | 17-SS02A | All reported Targets | UJ |
| TLWE | 17-SS02B, 17-SS03A, 17-SS03B, 17-SS04A | All reported Targets | UJ |

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|--|---|----------------------|
| TLFF | 17-TP01 | Endrin aldehyde, gamma BHC(Lindane), Endosulfan I, Methoxychlor | UJ |
| TLYE | 17-TP02, 17-TP03, 17-TP-04 | Endrin aldehyde, gamma BHC(Lindane), Endosulfan I, Methoxychlor | UJ |
| TLXE | 17-SS04B, 17-SS05, 17-SS06, 17-SS07, 17-SS08, 17-SS01A-FD, 17-SS01B-FD | Endosulfan I, Endrin Aldehyde | UJ |

Blanks

The 5X rule for contaminants found in the associated equipment rinse and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|------------------|----------------------|----------------------|
| TLYE | 17-TP02, 17-TP03 | All reported Targets | J/UJ |

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.6 Herbicides by SW846 8151

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples with the exception of the following, which were extracted outside the recommended 14-day hold time.

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|------------------------------------|----------------------|----------------------|
| TLRE | 17-SS01B-FD | All reported Targets | UJ/R |
| TLFF | 17-TP01, 17-TP02, 17-TP03, 17-TP04 | All reported Targets | UJ/R |

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria with the noted exceptions.

- The CCAL %D > 15% was exceeded for the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|---|--------------|----------------------|
| TLVE | 17-SS02A, 17-SS02B, 17-SS05, 17-SS06, 17-SS07 | MCPP, 2,4-DB | UJ |

Blanks

The 5X rule for contaminants found in the associated blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|---|--|----------------------|
| TLFF | 17-TP01, 17-TP02, 17-TP03, 17-TP04 | MCPA, MCPP | R |
| TLRE | 17-SS01B-FD, 17-SS01A, 17-SS03A, 17-SS03B, 17-SS04A, 17-SS04B, 17-SS08, 17-SS01A-FD | 2,2-Dichloropropanoic Acid, MCPA, MCPP | R |
| TLRE | 17-SS01B | 2,2-Dichloropropanoic Acid, MCPP | R |
| TLVE | 17-SS02A, 17-SS02B, 17-SS05, 17-SS06, 17-SS07 | MCPA | R |

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.7 Explosives by SW846 8330

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.8 Wet Chemistry TOC by SW846 9060

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated blanks was applied to all sample results. All were found to be acceptable.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met with the exception of the following:

| SDG Number | Sample Number | Compound | Validation Qualifier |
|------------|---------------------------------|----------|----------------------|
| ZEWU | 17-SS01B, 17-SS03B, 17-SS01B-FD | TOC | J |

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

ATTACHMENT A

Validation Qualifiers

- U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R The reported sample results are rejected due to the following:
 1. Severe deficiencies in the supporting quality control data.
 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
 3. The presence or absence of the constituent cannot be verified based on the data provided.
 4. To indicate not to use a particular result in the event of a reanalysis.
- UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the “nondetect” may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

| Reason Code | Description |
|--------------------|---|
| 01 | Sample received outside of 4+/-2 degrees Celsius |
| 01A | Improper sample preservation |
| 02 | Holding time exceeded |
| 02A | Extraction |
| 02B | Analysis |
| 03 | Instrument performance – outside criteria |
| 03A | BFB |
| 03B | DFTPP |
| 03C | DDT and/or Endrin % breakdown exceeds criteria |
| 03D | Retention time windows |
| 03E | Resolution |
| 04 | Initial calibration results outside specified criteria |
| 04A | Compound mean RRF QC criteria not met |
| 04B | Individual % RSD criteria not met |
| 04C | Correlation coefficient >0.995 |
| 05 | Continuing calibration results outside specified criteria |
| 05A | Compound mean RRF QC criteria not met |
| 05B | Compound % D QC criteria not met |
| 06 | Result qualified as a result of the 5x/10x blank correction |
| 06A | Method or preparation blank |
| 06B | ICB or CCB |
| 06C | ER |
| 06D | TB |
| 06E | FB |
| 07 | Surrogate recoveries outside control limits |
| 07A | Sample |
| 07B | Associated method blank or LCS |
| 08 | MS/MSD/Duplicate results outside criteria |
| 08A | MS and/or MSD recovery not within control limits (accuracy) |
| 08B | % RPD outside acceptance criteria (precision) |
| 09 | Post digestion spike outside criteria (GFAA) |
| 10 | Internal standards outside specified control limits |
| 10A | Recovery |
| 10B | Retention time |
| 11 | Laboratory control sample recoveries outside specified limits |
| 11A | Recovery |
| 11B | % RPD (if run in duplicate) |
| 12 | Interference check standard |
| 13 | Serial dilution |
| 14 | Tentatively identified compounds |
| 15 | Quantitation |
| 16 | Multiple results available; alternate analysis preferred |
| 17 | Field duplicate RPD criteria is exceeded |
| 18 | Percent difference between original and second column exceeds QC criteria |
| 19 | Professional judgement was used to qualify the data |
| 20 | Pesticide clean-up checks |
| 21 | Target compound identification |
| 22 | Radiological calibration |
| 23 | Radiological quantitation |
| 24 | Reported result and/or lab qualifier revised to reflect validation findings |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 1 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01A | N 0 1 | | 1,1,1-TRICHLOROETHANE | .046 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0047 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0047 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | 1,1-DICHLOROETHANE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0012 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*203 | 00: |
| | | | 1,2-DICHLOROETHANE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0093 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*203 | 00: |
| | | | 1,2-DICHLOROPROPANE | .006 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | 2-HEXANONE (MBK) | .024 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | ACETONE | .57 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | BENZENE | .0012 | mg/kg | J | Y Y | J | | 15 17 | | | | FMSV*203 | 00: |
| | | | BROMODICHLOROMETHANE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | BROMOFORM | .0047 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | BROMOMETHANE | .0095 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CARBON DISULFIDE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CARBON TETRACHLORIDE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CHLOROBENZENE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CHLOROETHANE | .0095 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CHLOROFORM | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CHLOROMETHANE | .0095 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0047 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | ETHYLBENZENE | .007 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .031 | mg/kg | | Y Y | J | | 05B 17 | | | | FMSV*203 | 00: |
| | | | METHYLENE CHLORIDE | .05 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .024 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | STYRENE | .0047 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | TETRACHLOROETHENE | .055 | mg/kg | | Y Y | J | | 05B 17 | | | | FMSV*203 | 00: |
| | | | TOLUENE | .0064 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .005 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | TRICHLOROETHENE | .019 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | | VINYL ACETATE | .0095 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*203 | 00: |
| | | | VINYL CHLORIDE | .0095 | mg/kg | U | N Y | U | | | | | | FMSV*203 | 00: |
| | | | XYLENE, TOTAL | .03 | mg/kg | | Y Y | J | | 17 | | | | FMSV*203 | 00: |
| | | I | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*43 | 00: |
| | | | 2,4-D | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |
| | | | 2,4-DB | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |
| | | | 245T | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |
| | | | 245TP | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |
| | | | DALAPON | .00995 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*43 | 00: |
| | | | DICAMBA | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |
| | | | DICHLOROPROP | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |
| | | | DINOSEB | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 2 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---|---------|--------|-------|---------|-----|---------------|--------------|----|----|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01A | 1 | 1 | MCPP | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*43 | 00: |
| | | 1 | ALUMINUM | 5160 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | 1 | | ANTIMONY | .98 | mg/kg | U | N Y | | U | LT | | | | EFM3S*43 | 00: |
| | | | ARSENIC | 1.45 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | BARIUM | 32.2 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | BERYLLIUM | .183 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | CADMIUM | .098 | mg/kg | U | N Y | | U | LT | | | | EFM3S*43 | 00: |
| | | | CALCIUM | 226 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | CHROMIUM | 4.51 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*43 | 00: |
| | | | COBALT | 1.72 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | COPPER | 2.36 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | IRON | 4400 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*43 | 00: |
| | | | LEAD | 6.66 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | MAGNESIUM | 204 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*43 | 00: |
| | | | MANGANESE | 74.1 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*43 | 00: |
| | | | MERCURY | .81 | mg/kg | | Y Y | J | | 17 | 15 | 24 | | EFM3S*43 | 00: |
| | | | NICKEL | 2.36 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | POTASSIUM | 140 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | SELENIUM | .49 | mg/kg | U | N Y | | U | LT | | | | EFM3S*43 | 00: |
| | | | SILVER | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*43 | 00: |
| | | | SODIUM | 387 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | | | THALLIUM | .49 | mg/kg | U | N Y | | U | LT | | | | EFM3S*43 | 00: |
| | | | VANADIUM | 8.59 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*43 | 00: |
| | | | ZINC | 11.8 | mg/kg | | Y Y | | | | | | | EFM3S*43 | 00: |
| | 1 | | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N Y | | UJ | 02B | | | | EFM3S*43 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 3 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|-----------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01A | 1 | METHOXYCHLOR | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1016 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1221 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1232 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1242 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1248 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1254 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PCB 1260 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | PPDDD | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*43 | 00: |
| | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*43 | 00: |
| | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*43 | 00: |
| | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | 05B | | | | | EFM3S*43 | 00: |
| | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | | | | | | EFM3S*43 | 00: |
| | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | BENZO[BJ]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*43 | 00: |
| | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*43 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 4 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCP | VQlfr / Code: | Reason Codes | | | | Anal Tim | | | | |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|-----|--|--|--|
| | | | | | | | | | | 1 | 2 | 3 | 4 | Lab Sample: | | | | |
| 17-SS01A | 1 | | BENZO[ghi]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .22 | mg/kg | JB | Y Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*43 | 00: | | | |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | | | | | EFM3S*43 | 00: | | | |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*43 | 00: | | | |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*43 | 00: | | | |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*43 | 00: | | | |
| 17-SS01A-FD | N 0 1 | | 1,1,1-TRICHLOROETHANE | .015 | mg/kg | | Y Y | J | | 17 | | | | 82975-13 | 00: | | | |
| | | | 1,1,2-Tetrachloroethane | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: | | | |
| | | | 1,1,2-TRICHLOROETHANE | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: | | | |
| | | | 1,1-DICHLOROETHANE | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: | | | |
| | | | 1,1-DICHLOROETHENE | .00097 | mg/kg | J | Y Y | J | | 15 | | | | 82975-13 | 00: | | | |
| | | | 1,2-DICHLOROETHANE | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: | | | |
| | | | 1,2-DICHLOROPROPANE | .0011 | mg/kg | J | Y Y | J | | 15 | 17 | | | 82975-13 | 00: | | | |
| | | | 1,2-Dichloroethene | .00058 | mg/kg | J | Y Y | J | | 15 | | | | 82975-13 | 00: | | | |
| | | | 2-BUTANONE | .0087 | mg/kg | J | Y Y | J | | 15 | 17 | | | 82975-13 | 00: | | | |
| | | | 2-HEXANONE | .02 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: | | | |
| | | | 4-Methyl-2-pentanone | .02 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: | | | |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 5 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01A-FD | N 0 1 | | ACETONE | .23 | mg/kg | | Y Y | J | | 17 | | | | 82975-13 | 00: |
| | | | BENZENE | .00043 | mg/kg | J | Y Y | J | | 15 | 17 | | | 82975-13 | 00: |
| | | | BROMODICHLOROMETHANE | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: |
| | | | BROMOFORM | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: |
| | | | BROMOMETHANE | .0082 | mg/kg | U | N Y | R | | 04C | 05B | | | 82975-13 | 00: |
| | | | CARBON DISULFIDE | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | CARBON TETRACHLORIDE | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: |
| | | | CHLOROBENZENE | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | CHLOROETHANE | .0082 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | CHLOROFORM | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | CHLOROMETHANE | .0082 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: |
| | | | ETHYLBENZENE | .0019 | mg/kg | J | Y Y | J | | 15 | 17 | | | 82975-13 | 00: |
| | | | METHYLENE CHLORIDE | .027 | mg/kg | B | Y Y | J | | 17 | | | | 82975-13 | 00: |
| | | | STYRENE | .0041 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | TETRACHLOROETHENE | .014 | mg/kg | | Y Y | J | | 17 | | | | 82975-13 | 00: |
| | | | TOLUENE | .0024 | mg/kg | J | Y Y | J | | 15 | 17 | | | 82975-13 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0041 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: |
| | | | TRICHLOROETHENE | .0068 | mg/kg | | Y Y | J | | 17 | | | | 82975-13 | 00: |
| | | | VINYL ACETATE | .0082 | mg/kg | U | N Y | UJ | | 05B | | | | 82975-13 | 00: |
| | | | VINYL CHLORIDE | .0082 | mg/kg | U | N Y | U | | | | | | 82975-13 | 00: |
| | | | Xylene, Total | .0076 | mg/kg | | Y Y | J | | 17 | | | | 82975-13 | 00: |
| 1 | | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*62 | 00: |
| | | | 2,4-D | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,4-DB | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 245T | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 245TP | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DALAPON | .00995 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*62 | 00: |
| | | | DICAMBA | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DICHLOROPROP | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DINOSEB | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | MCPP | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*62 | 00: |
| 1 | | | ALUMINUM | 3750 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | | ANTIMONY | .99 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | ARSENIC | 2.25 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | | BARIUM | 20.4 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | | BERYLLIUM | .193 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | | CADMIUM | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | CALCIUM | 171 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | | CHROMIUM | 37.5 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*62 | 00: |
| | | | COBALT | 2.04 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 6 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|-----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01A-FD | 1 | COPPER | | 2.14 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | IRON | | 12900 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*62 | 00: |
| | | LEAD | | 8.04 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | MAGNESIUM | | 118 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*62 | 00: |
| | | MANGANESE | | 43.9 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*62 | 00: |
| | | MERCURY | | .226 | mg/kg | | Y Y | J | | 17 | 15 | 24 | | EFM3S*62 | 00: |
| | | NICKEL | | 1.93 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | POTASSIUM | | 93.2 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | SELENIUM | | .495 | mg/kg | U | N Y | | U | LT | | | | EFM3S*62 | 00: |
| | | SILVER | | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*62 | 00: |
| | | SODIUM | | 407 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | | THALLIUM | | .5 | mg/kg | U | N Y | | U | LT | | | | EFM3S*62 | 00: |
| | | VANADIUM | | 18.2 | mg/kg | | Y Y | J | | 17 | | | | EFM3S*62 | 00: |
| | | ZINC | | 9.75 | mg/kg | | Y Y | | | | | | | EFM3S*62 | 00: |
| | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | ALDRIN | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | ALPHA-CHLORDANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | CHLORDANE | | .0033 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | DIELDRIN | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | ENDOSULFAN I | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | 04 | 05B | EFM3S*62 | 00: |
| | | ENDOSULFAN II | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | ENDOSULFAN SULFATE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| PPDDD | 1 | ENDRIN | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | ENDRIN ALDEHYDE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | 04 | | EFM3S*62 | 00: |
| | | GAMMA-CHLORDANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | HEPTACHLOR | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | HEPTACHLOR EPOXIDE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | LINDANE | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | METHOXYCHLOR | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1016 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1221 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1232 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1242 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1248 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1254 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PCB 1260 | | .013 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | PPDDD | | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |
| | | TOXAPHENE | | .067 | mg/kg | U | N Y | | UJ | LT | 02B | | | EFM3S*62 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 7 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|-----|----|-------------|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-SS01A-FD | | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BENZOIC ACID | .07 | mg/kg | J | Y | Y | J | LT | 15 | 24 | | | EFM3S*62 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .036 | mg/kg | JB | Y | Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*62 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | CLIONASTEROL | .322 | mg/kg | | Y | N | | | | | | | EFM3S*62 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*62 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 8 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|---------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01A-FD | 1 | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | HEXAChLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | HEXAChLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | HEXAChLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | HEXAChLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*62 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*62 | 00: |
| 17-SS01B | N 0 1 | | 1,1,1-TRICHLOROETHANE | .022 | mg/kg | | Y Y | J | | 17 | | | | FMSV*204 | 00: |
| | | | 1,1,2-Tetrachloroethane | .0042 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |
| | | | 1,1-DICHLOROETHANE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |
| | | | 1,1-DICHLOROETHENE | .0013 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*204 | 00: |
| | | | 1,2-DICHLOROETHANE | .0042 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0016 | mg/kg | J | Y Y | J | 15 | 17 | | | | FMSV*204 | 00: |
| | | | 1,2-Dichloroethene | .00086 | mg/kg | J | Y Y | J | 15 | | | | | FMSV*204 | 00: |
| | | | 2-BUTANONE | .0048 | mg/kg | J | Y Y | J | 15 | | | | | FMSV*204 | 00: |
| | | | 2-HEXANONE | .021 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | 4-Methyl-2-pentanone | .021 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | ACETONE | .042 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |
| | | | BENZENE | .00052 | mg/kg | J | Y Y | J | 15 | | | | | FMSV*204 | 00: |
| | | | BROMODICHLOROMETHANE | .0042 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | BROMOFORM | .0042 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | BROMOMETHANE | .0083 | mg/kg | U | N Y | R | | 04C 05B | | | | FMSV*204 | 00: |
| | | | CARBON DISULFIDE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |
| | | | CARBON TETRACHLORIDE | .0042 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | | CHLOROBENZENE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |
| | | | CHLOROETHANE | .0083 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |
| | | | CHLOROFORM | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*204 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 9 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---------------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01B | N 0 1 | CHLOROMETHANE | .0083 | mg/kg | U | N Y | Y | U | | | | | | FMSV*204 | 00: |
| | | CIS-1,3-DICHLOROPROPENE | .0042 | mg/kg | U | N Y | Y | U | | | | | | FMSV*204 | 00: |
| | | DIBROMOCHLOROMETHANE | .0042 | mg/kg | U | N Y | Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | ETHYLBENZENE | .0024 | mg/kg | J | Y Y | Y | J | | 15 | | | | FMSV*204 | 00: |
| | | METHYLENE CHLORIDE | .039 | mg/kg | B | Y Y | Y | | | | | | | FMSV*204 | 00: |
| | | STYRENE | .0042 | mg/kg | U | N Y | Y | U | | | | | | FMSV*204 | 00: |
| | | TETRACHLOROETHENE | .018 | mg/kg | | Y Y | Y | | | | | | | FMSV*204 | 00: |
| | | TOLUENE | .0031 | mg/kg | J | Y Y | Y | J | | 15 | | | | FMSV*204 | 00: |
| | | TRANS-1,3-DICHLOROPROPENE | .0042 | mg/kg | U | N Y | Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | TRICHLOROETHENE | .0098 | mg/kg | | Y Y | Y | J | | 17 | | | | FMSV*204 | 00: |
| | | VINYL ACETATE | .0083 | mg/kg | U | N Y | Y | UJ | | 05B | | | | FMSV*204 | 00: |
| | | VINYL CHLORIDE | .0083 | mg/kg | U | N Y | Y | U | | | | | | FMSV*204 | 00: |
| | | XYLENE, TOTAL | .01 | mg/kg | | Y Y | Y | | | | | | | FMSV*204 | 00: |
| | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2,4-D | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2,4-DB | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 245T | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 245TP | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | DALAPON | .00996 | mg/kg | U | N N | Y | R | LT | 11A | | | | EFM3S*44 | 00: |
| | | DICAMBA | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | DICHLOROPROP | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | DINOSEB | .00996 | mg/kg | U | N N | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | MCPP | .199 | mg/kg | U | N Y | Y | R | LT | 11A | | | | EFM3S*44 | 00: |
| 1 | 1 | 1,3,5-TRINITROBENZENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 1,3-DINITROBENZENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2,4,6-TRINITROTOLUENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2,4-DINITROTOLUENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2-AMINO-4,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 2-NITROTOLUENE | .2 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 3-NITROTOLUENE | .2 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 4-AMINO-2,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | 4-NITROTOLUENE | .2 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | CYCLOTETRAMETHYLENETETRANITRAMINE | .2 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | NITROBENZENE | .1 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | RDX | .2 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| | | TETRYL | .2 | mg/kg | U | N Y | Y | U | LT | | | | | EFM3S*44 | 00: |
| 1 | 1 | ALUMINUM | 15500 | mg/kg | | Y Y | Y | J | | 17 | | | | EFM3S*44 | 00: |
| | | ANTIMONY | .99 | mg/kg | | Y Y | Y | J | | 17 | | | | EFM3S*44 | 00: |
| | | ARSENIC | 6.56 | mg/kg | | Y Y | Y | J | | 17 | | | | EFM3S*44 | 00: |
| | | BARIUM | 27.7 | mg/kg | | Y Y | Y | J | | 17 | | | | EFM3S*44 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 10 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01B | 1 | BERYLLIUM | .221 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | CADMIUM | .099 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | CALCIUM | 244 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | CHROMIUM | 17.7 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | COBALT | 2.21 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | COPPER | 7.42 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | IRON | 26600 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | LEAD | 7.97 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | MAGNESIUM | 432 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | MANGANESE | 31 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | MERCURY | .0532 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | NICKEL | 5.54 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | POTASSIUM | 388 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | SELENIUM | .904 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | SILVER | .2 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | SODIUM | 576 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | THALLIUM | .764 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | VANADIUM | 41 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | | ZINC | 17.7 | mg/kg | Y Y | J | | | 17 | | | | | EFM3S*44 | 00: |
| | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ALDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | CHLORDANE | .0033 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | DIELDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ENDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | HEPTACHLOR | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | LINDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | METHOXYCHLOR | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | PCB 1016 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | PCB 1221 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | PCB 1232 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |
| | | PCB 1242 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*44 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 11 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|--|-----------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-SS01B | 1 | PCB 1248 PCB 1254 PCB 1260 PPDDD TOXAPHENE | PCB 1248 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*44 | 00: | |
| | | | PCB 1254 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*44 | 00: | |
| | | | PCB 1260 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*44 | 00: | |
| | | | PPDDD | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*44 | 00: | |
| | | | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*44 | 00: | |
| | | 1,2,4-TRICHLOROBENZENE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2,4,5-TRICHLOROPHENOL 2,4,6-TRICHLOROPHENOL 2,4-DICHLOROPHENOL 2,4-DIMETHYLPHENOL 2,4-DINITROPHENOL 2,4-DINITROTOLUENE 2,6-DINITROTOLUENE 2-CHLORONAPHTHALENE 2-CHLOROPHENOL 2-METHYLNAPHTHALENE 2-NITROANILINE 2-NITROPHENOL 3,3'-DICHLOROBENZIDINE 3-METHYL-4-CHLOROPHENOL 3-NITROANILINE 4,6-DINITRO-2-CRESOL 4-BROMOPHENYL PHENYL ETHER 4-CHLOROANILINE 4-CHLOROPHENYL PHENYL ETHER 4-NITROANILINE 4-NITROPHENOL ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZOIC ACID BENZO[A]ANTHRACENE BENZO[A]PYRENE BENZO[B]FLUORANTHENE BENZO[DEF]PHENANTHRENE BENZO[GHI]PERYLENE BENZO[K]FLUORANTHENE BENZYL ALCOHOL BIS(2-CHLOROETHOXY) METHANE BIS(2-CHLOROETHYL) ETHER | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*44 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2,4-DINITROPHENOL | 1.3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*44 | 00: | |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*44 | 00: | |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*44 | 00: | |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*44 | 00: | |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*44 | 00: | |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 12 of 70

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|-------|------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|----------|-----|---|-------------|----------|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01B | | 1 | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | 06A 05B 15 24 | EFM3S*44 | 00: | | | | |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .02 | mg/kg | JB | Y Y | B | LT | | EFM3S*44 | 00: | | | | |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | | | EFM3S*44 | 00: | | | |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | HEXAChLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | HEXAChLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | HEXAChLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | HEXAChLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | EFM3S*44 | 00: | | | | |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | EFM3S*44 | 00: | | | | |
| | | 1 | TOTAL ORGANIC CARBON | 3050 | mg/kg | | Y N | J | | 08A 08B | EFM3S*44 | 00: | | | | |
| | | | 1,1,1-TRICHLOROETHANE | .039 | mg/kg | | Y Y | J | | | FMSV*223 | 00: | | | | |
| 17-SS01B-FD | | N 0 1 | 1,1,2-TETRACHLOROETHANE | .0041 | mg/kg | U | N Y | UJ | | 05B | FMSV*223 | 00: | | | | |
| | | | 1,1,2,2-TRICHLOROETHANE | .0041 | mg/kg | U | N Y | U | | | FMSV*223 | 00: | | | | |
| | | | 1,1,2-TRICHLOROETHANE | .0041 | mg/kg | U | N Y | U | | | FMSV*223 | 00: | | | | |
| | | | 1,1-DICHLOROETHANE | .0041 | mg/kg | U | N Y | U | | | FMSV*223 | 00: | | | | |
| | | | 1,1-DICHLOROETHYLENE | .0021 | mg/kg | J | Y Y | J | | 15 | FMSV*223 | 00: | | | | |
| | | | 1,2-DICHLOROETHANE | .0041 | mg/kg | U | N Y | UJ | | 05B | FMSV*223 | 00: | | | | |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0012 | mg/kg | J | Y Y | J | | 15 | FMSV*223 | 00: | | | | |
| | | | 1,2-DICHLOROPROPANE | .0032 | mg/kg | J | Y Y | J | | 15 17 | FMSV*223 | 00: | | | | |
| | | | 2-HEXANONE (MBK) | .021 | mg/kg | U | N Y | UJ | | 05B | FMSV*223 | 00: | | | | |
| | | | ACETONE | .041 | mg/kg | U | N Y | U | | | FMSV*223 | 00: | | | | |
| | | | BENZENE | .00072 | mg/kg | J | Y Y | J | | 05B | FMSV*223 | 00: | | | | |
| | | | BROMODICHLOROMETHANE | .0041 | mg/kg | U | N Y | UJ | | | FMSV*223 | 00: | | | | |
| | | | BROMOFORM | .0041 | mg/kg | U | N Y | UJ | | 05B | FMSV*223 | 00: | | | | |
| | | | BROMOMETHANE | .0073 | mg/kg | U | N Y | R | | 04C 05B | FMSV*223 | 00: | | | | |
| | | | CARBON DISULFIDE | .0041 | mg/kg | U | N Y | U | | | FMSV*223 | 00: | | | | |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 13 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01B-FD | N 0 1 | | CARBON TETRACHLORIDE | .0041 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*223 | 00: |
| | | | CHLOROBENZENE | .0041 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | CHLOROETHANE | .0083 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | CHLOROFORM | .0041 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | CHLOROMETHANE | .0083 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0041 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0041 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*223 | 00: |
| | | | ETHYLBENZENE | .0023 | mg/kg | J | Y Y | | J | 15 | | | | FMSV*223 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .0037 | mg/kg | J | Y Y | | J | 15 | | | | FMSV*223 | 00: |
| | | | METHYLENE CHLORIDE | .052 | mg/kg | B | Y Y | | | | | | | FMSV*223 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .021 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*223 | 00: |
| | | | STYRENE | .0041 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | TETRACHLOROETHENE | .025 | mg/kg | | Y Y | | | | | | | FMSV*223 | 00: |
| | | | TOLUENE | .005 | mg/kg | | Y Y | | | | | | | FMSV*223 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0041 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*223 | 00: |
| | | | TRICHLOROETHENE | .018 | mg/kg | | Y Y | | J | 17 | | | | FMSV*223 | 00: |
| | | | VINYL ACETATE | .0083 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*223 | 00: |
| | | | VINYL CHLORIDE | .0083 | mg/kg | U | N Y | | U | | | | | FMSV*223 | 00: |
| | | | Xylene, Total | .0091 | mg/kg | | Y Y | | | | | | | 82975-14 | 00: |
| | 1 | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .2 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*63 | 00: |
| | | | 2,4-D | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | 2,4-DB | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | 245T | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | 245TP | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | DALAPON | .01 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*63 | 00: |
| | | | DICAMBA | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | DICHLOROPROP | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | DINOSEB | .01 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*63 | 00: |
| | | | MCPP | .2 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*63 | 00: |
| 1 | | | 1,3,5-TRINITROBENZENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 1,3-DINITROBENZENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 2,4,6-TRINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 2,4-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 2,6-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 2-AMINO-4,6-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 2-NITROTOLUENE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 3-NITROTOLUENE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 4-AMINO-2,6-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | 4-NITROTOLUENE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | CYCLOTETRAMETHYLENETETRANITRAMINE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | NITROBENZENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | RDX | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 14 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---|---------|--------|-------|-----|-----|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01B-FD | | 1 | TETRYL | .202 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*63 | 00: |
| | | 1 | ALUMINUM | 983 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | ANTIMONY | .98 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | ARSENIC | .49 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | BARIUM | 5.35 | mg/kg | | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | BERYLLIUM | .098 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | CADMIUM | .098 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | CALCIUM | 54.6 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | CHROMIUM | 1.64 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | COBALT | .29 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | COPPER | .513 | mg/kg | | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | IRON | 1860 | mg/kg | | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | LEAD | .655 | mg/kg | | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | MAGNESIUM | 37.1 | mg/kg | | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | MANGANESE | 2.73 | mg/kg | | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | MERCURY | .12 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | NICKEL | .49 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | POTASSIUM | 30.6 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | SELENIUM | .49 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | SILVER | .2 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | SODIUM | 317 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | THALLIUM | .49 | mg/kg | U | Y | Y | J | LT | 17 | | | | EFM3S*63 | 00: |
| | | | VANADIUM | 2.95 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | | ZINC | 4.69 | mg/kg | | Y | Y | J | | 17 | | | | EFM3S*63 | 00: |
| | | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N | Y | UJ | LT | 02B 04 05B | | | | EFM3S*63 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B 04 | | | | EFM3S*63 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*63 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 15 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|-----------------------------|------------|---------|--------|-------|-----|-----|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS01B-FD | 1 | METHOXYCHLOR | .00067 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1016 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1221 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1232 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1242 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1248 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1254 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PCB 1260 | .013 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | PPDDD | .00067 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | LT | LT | 02B | | | | | EFM3S*63 | 00: |
| | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N Y | UJ | LT | | 05B | | | | | EFM3S*63 | 00: |
| | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | | 05B | | | | | EFM3S*63 | 00: |
| | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | | 05B | | | | | EFM3S*63 | 00: |
| | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | | | EFM3S*63 | 00: |
| | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | | 05B | | | | | EFM3S*63 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 16 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | Lab Sample: | |
| 17-SS01B-FD | 1 | | BENZO[GH]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*63 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*63 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*63 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*63 | 00: |
| 17-SS02A | 1 | N 0 1 | TOTAL ORGANIC CARBON | 3410 | mg/kg | | Y Y | J | | 08A 08B | | | | EFM3S*63 | 00: |
| | | | 1,1,1-TRICHLOROETHANE | .0033 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*205 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0045 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*205 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0045 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*205 | 00: |
| | | | 1,1-DICHLOROETHANE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | 1,2-DICHLOROETHANE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0025 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*205 | 00: |
| | | | 2-HEXANONE (MBK) | .022 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*205 | 00: |
| | | | ACETONE | .045 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*205 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 17 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02A | | N 0 1 | BENZENE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | BROMODICHLOROMETHANE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | BROMOFORM | .0045 | mg/kg | U | N Y | UJ | | | | | | FMSV*205 | 00: |
| | | | BROMOMETHANE | .0089 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CARBON DISULFIDE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CARBON TETRACHLORIDE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CHLOROBENZENE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CHLOROETHANE | .0089 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CHLOROFORM | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CHLOROMETHANE | .0089 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0045 | mg/kg | U | N Y | UJ | | | | | | FMSV*205 | 00: |
| | | | ETHYLBENZENE | .0034 | mg/kg | J | Y Y | J | | | | | | FMSV*205 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .022 | mg/kg | U | N Y | UJ | | | | | | FMSV*205 | 00: |
| | | | METHYLENE CHLORIDE | .0036 | mg/kg | J | Y Y | J | | | | | | FMSV*205 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .022 | mg/kg | U | N Y | UJ | | | | | | FMSV*205 | 00: |
| | | | STYRENE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | TETRACHLOROETHENE | .02 | mg/kg | | Y Y | J | | | | | | FMSV*205 | 00: |
| | | | TOLUENE | .0022 | mg/kg | J | Y Y | J | | | | | | FMSV*205 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0045 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | TRICHLOROETHENE | .0052 | mg/kg | | Y Y | | | | | | | FMSV*205 | 00: |
| | | | VINYL ACETATE | .0089 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | VINYL CHLORIDE | .0089 | mg/kg | U | N Y | U | | | | | | FMSV*205 | 00: |
| | | | XYLENE, TOTAL | .016 | mg/kg | | Y Y | | | | | | | FMSV*205 | 00: |
| 1 | | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .2 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*45 | 00: |
| | | | 2,4-D | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2,4-DB | .00998 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| | | | 245T | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 245TP | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DALAPON | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DICAMBA | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DICHLOROPROP | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DINOSEB | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | MCPP | .2 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| 1 | | 1 | ALUMINUM | 8970 | mg/kg | | Y Y | | | | | | | EFM3S*45 | 00: |
| | | | ANTIMONY | .98 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | ARSENIC | 8.34 | mg/kg | | Y Y | | | | | | | EFM3S*45 | 00: |
| | | | BARIUM | 41.1 | mg/kg | | Y Y | | | | | | | EFM3S*45 | 00: |
| | | | BERYLLIUM | .238 | mg/kg | | Y Y | | | | | | | EFM3S*45 | 00: |
| | | | CADMIUM | .098 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | CALCIUM | 249 | mg/kg | | Y Y | | | | | | | EFM3S*45 | 00: |
| | | | CHROMIUM | 49.7 | mg/kg | | Y Y | | | | | | | EFM3S*45 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 18 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---|---|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02A | 1 | COBALT | COBALT | 2.05 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | COPPER | 4.54 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | IRON | 29200 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | LEAD | 27 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | MAGNESIUM | 324 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | MANGANESE | 72.4 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | MERCURY | .0735 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | NICKEL | 3.89 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | POTASSIUM | 270 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | SELENIUM | 1.2 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | SILVER | .2 | mg/kg | U | N | Y | U | LT | | | | EFM3S*45 | 00: |
| | | | SODIUM | 627 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | THALLIUM | .757 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | VANADIUM | 49.7 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | | | ZINC | 31.4 | mg/kg | | Y | Y | | | | | | EFM3S*45 | 00: |
| | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1-TRICHLOROETHANE | 2,2-BIS(P-CHLOROPHENYL)-1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*45 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 19 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02A | | 1 | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*45 | 00: |
| | | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2,4-DINITROPHENOL | 1.3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A 08B | | | | EFM3S*45 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZO[KJ]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .75 | mg/kg | U | Y Y | J | | 05B | | | | EFM3S*45 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*45 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 20 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|----------------------------|---------|--------|-------|-----|-----|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02A | 1 | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N | Y | R | LT | 11A | | | | EFM3S*45 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*45 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*45 | 00: |
| 17-SS02B | N 0 1 | | 1,1,1-TRICHLOROETHANE | .008 | mg/kg | | Y | Y | | | | | | | FMSV*206 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0046 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*206 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0046 | mg/kg | U | N | Y | UJ | | | | | | FMSV*206 | 00: |
| | | | 1,1-DICHLOROETHANE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | 1,2-DICHLOROETHANE | .0046 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*206 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0025 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*206 | 00: |
| | | | 2-HEXANONE (MBK) | .023 | mg/kg | U | N | Y | UJ | | | | | | FMSV*206 | 00: |
| | | | ACETONE | .046 | mg/kg | U | N | Y | UJ | | | | | | FMSV*206 | 00: |
| | | | BENZENE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | BROMODICHLOROMETHANE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | BROMOFORM | .0046 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*206 | 00: |
| | | | BROMOMETHANE | .0092 | mg/kg | U | N | Y | UJ | | | | | | FMSV*206 | 00: |
| | | | CARBON DISULFIDE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | CARBON TETRACHLORIDE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | CHLOROBENZENE | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | CHLOROETHANE | .0092 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | CHLOROFORM | .0046 | mg/kg | U | N | Y | U | | | | | | FMSV*206 | 00: |
| | | | CHLOROMETHANE | .0092 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*206 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 21 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---------------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02B | N 0 1 | CIS-1,3-DICHLOROPROPENE | .0046 | mg/kg | U | N Y | | U | | | | | | FMSV*206 | 00: |
| | | DIBROMOCHLOROMETHANE | .0046 | mg/kg | U | N Y | | UJ | | 05B | | | | FMSV*206 | 00: |
| | | ETHYLBENZENE | .0044 | mg/kg | J | Y Y | | J | | 15 | | | | FMSV*206 | 00: |
| | | METHYL ETHYL KETONE (MEK) | .023 | mg/kg | U | N Y | | UJ | | 05B | | | | FMSV*206 | 00: |
| | | METHYLENE CHLORIDE | .006 | mg/kg | | Y Y | | | | | | | | FMSV*206 | 00: |
| | | METHYLISOBUTYL KETONE (MIBK) | .023 | mg/kg | U | N Y | | UJ | | 05B | | | | FMSV*206 | 00: |
| | | STYRENE | .0046 | mg/kg | U | N Y | | U | | | | | | FMSV*206 | 00: |
| | | TETRACHLOROETHENE | .023 | mg/kg | | Y Y | | J | | 05B | | | | FMSV*206 | 00: |
| | | TOLUENE | .0029 | mg/kg | J | Y Y | | J | | 15 | | | | FMSV*206 | 00: |
| | | TRANS-1,3-DICHLOROPROPENE | .0046 | mg/kg | U | N Y | | UJ | | 05B | | | | FMSV*206 | 00: |
| | | TRICHLOROETHENE | .0063 | mg/kg | | Y Y | | | | | | | | FMSV*206 | 00: |
| | | VINYL ACETATE | .0092 | mg/kg | U | N Y | | UJ | | 05B | | | | FMSV*206 | 00: |
| | | VINYL CHLORIDE | .0092 | mg/kg | U | N Y | | U | | | | | | FMSV*206 | 00: |
| | I | XYLENE, TOTAL | .021 | mg/kg | | Y Y | | | | | | | | FMSV*206 | 00: |
| | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .2 | mg/kg | U | N Y | | R | LT | 11A | | | | EFM3S*46 | 00: |
| | | 2,4-D | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | 2,4-DB | .00998 | mg/kg | U | N Y | | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | 245T | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | 245TP | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | DALAPON | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | DICAMBA | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | DICHLOROPROP | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | DINOSEB | .00998 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | CPPP | .2 | mg/kg | U | N Y | | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | I | ALUMINUM | 10600 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | ANTIMONY | 1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | ARSENIC | 5.48 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | BARIUM | 23.2 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | BERYLLIUM | .154 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | CADMUM | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*46 | 00: |
| | | CALCIUM | 105 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | CHROMIUM | 14.3 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | COBALT | 1.76 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | COPPER | 4.52 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | IRON | 17600 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | LEAD | 6.39 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | MAGNESIUM | 375 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | MANGANESE | 27.6 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | MERCURY | .0628 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | NICKEL | 3.97 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | POTASSIUM | 287 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |
| | | SELENIUM | .764 | mg/kg | | Y Y | | | | | | | | EFM3S*46 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 22 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|---------------|--------------|--------|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02B | 1 | SILVER | | .2 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | SODIUM | | 254 | mg/kg | | Y | Y | | | | | | EFM3S*46 | 00: |
| | | THALLIUM | | .5 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | VANADIUM | | 33.1 | mg/kg | | Y | Y | | | | | | EFM3S*46 | 00: |
| | | ZINC | | 14.3 | mg/kg | | Y | Y | | | | | | EFM3S*46 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ALDRIN | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ALPHA-CHLORDANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | CHLORDANE | | .0033 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | DIELDRIN | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ENDOSULFAN I | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ENDOSULFAN II | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ENDOSULFAN SULFATE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ENDRIN | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | ENDRIN ALDEHYDE | | .00227 | mg/kg | J | Y | Y | J | LT | 02B 24 | | | EFM3S*46 | 00: |
| | | GAMMA-CHLORDANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | HEPTACHLOR | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | HEPTACHLOR EPOXIDE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | LINDANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | METHOXYCHLOR | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1016 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1221 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1232 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1242 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1248 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1254 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PCB 1260 | | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | PPDDD | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | | TOXAPHENE | | .067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*46 | 00: |
| | 1 | 1,2,4-TRICHLOROBENZENE | | .1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 1,2-DICHLOROBENZENE | | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 1,3-DICHLOROBENZENE | | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 1,4-DICHLOROBENZENE | | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 2,4,6-TRICHLOROPHENOL | | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 2,4-DICHLOROPHENOL | | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 2,4-DIMETHYLPHENOL | | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*46 | 00: |
| | | 2,4-DINITROPHENOL | | 1.3 | mg/kg | U | N | Y | UJ | LT | 05B | | | EFM3S*46 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 23 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS02B | | 1 | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A | 08B | | | EFM3S*46 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | | 4-NITROANILINE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | 4-NITROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .071 | mg/kg | J | Y Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*46 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .034 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*46 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*46 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 24 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---------|---|---|-------------|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-SS02B | 1 | | HEXACHLOROETHANE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*46 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*46 | 00: |
| 17-SS03A | N 0 1 | | 1,1,1-TRICHLOROETHANE | .022 | mg/kg | | Y | Y | | | | | | | FMSV*207 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0044 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | 1,1-DICHLOROETHANE | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0012 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*207 | 00: |
| | | | 1,2-DICHLOROETHANE | .0042 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .00089 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*207 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0019 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*207 | 00: |
| | | | 2-HEXANONE (MBK) | .022 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | ACETONE | .044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | BENZENE | .00074 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*207 | 00: |
| | | | BROMODICHLOROMETHANE | .0044 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | BROMOFORM | .0044 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | BROMOMETHANE | .0089 | mg/kg | U | N | Y | R | | 04C 05B | | | | FMSV*207 | 00: |
| | | | CARBON DISULFIDE | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | CARBON TETRACHLORIDE | .0044 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | CHLOROBENZENE | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | CHLOROETHANE | .0089 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | CHLOROFORM | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | CHLOROMETHANE | .0089 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0044 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | ETHYLBENZENE | .004 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*207 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .022 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | METHYLENE CHLORIDE | .041 | mg/kg | | Y | Y | | | | | | | FMSV*207 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .022 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | STYRENE | .0044 | mg/kg | U | N | Y | U | | | | | | FMSV*207 | 00: |
| | | | TETRACHLOROETHENE | .03 | mg/kg | | Y | Y | | | | | | | FMSV*207 | 00: |
| | | | TOLUENE | .0056 | mg/kg | | Y | Y | | | | | | | FMSV*207 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0044 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*207 | 00: |
| | | | TRICHLOROETHENE | .012 | mg/kg | | Y | Y | | | | | | | FMSV*207 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 25 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS03A | | N 0 1 | VINYL ACETATE | .0089 | mg/kg | U | N Y | | U | | | | | FMSV*207 | 00: |
| | | | VINYL CHLORIDE | .0089 | mg/kg | U | N Y | | UJ | | | | | FMSV*207 | 00: |
| | | | XYLENE, TOTAL | .017 | mg/kg | | Y Y | | | | | | | FMSV*207 | 00: |
| | | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .2 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*47 | 00: |
| | | 1 | 2,4-D | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | 2,4-DB | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | 245T | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | 245TP | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DALAPON | .00999 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*47 | 00: |
| | | | DICAMBA | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DICHLOROPROP | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DINOSEB | .00999 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | MCPP | .2 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*47 | 00: |
| | | | ALUMINUM | 6140 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | ANTIMONY | .99 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | ARSENIC | 6.18 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | BARIUM | 34.4 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | BERYLLIUM | .226 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | CADMIUM | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | CALCIUM | 108 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | CHROMIUM | 39.8 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | COBALT | 1.72 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | COPPER | 2.05 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | IRON | 22600 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | LEAD | 11.8 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | MAGNESIUM | 194 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | MANGANESE | 65.7 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | MERCURY | .0474 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | NICKEL | 2.91 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | POTASSIUM | 151 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | SELENIUM | .826 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | SILVER | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | SODIUM | 312 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | THALLIUM | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | VANADIUM | 46.3 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | | ZINC | 16.1 | mg/kg | | Y Y | | | | | | | EFM3S*47 | 00: |
| | | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*47 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*47 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*47 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*47 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*47 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 26 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|-----------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS03A | 1 | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | CHLORDANE | .0033 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | DIELDRIN | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | ENDOSULFAN I | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | ENDOSULFAN II | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | ENDRIN | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | HEPTACHLOR | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | LINDANE | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | METHOXYCHLOR | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1016 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1221 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1232 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1242 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1248 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1254 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PCB 1260 | .013 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | PPDDD | .00067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| | | TOXAPHENE | .067 | mg/kg | U | N | Y | | UJ | LT | 02B | | | EFM3S*47 | 00: |
| 1 | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N | Y | | UJ | LT | 05B | | | EFM3S*47 | 00: |
| | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 2-NITROPHENOL | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N | Y | | UJ | LT | 05B | | | EFM3S*47 | 00: |
| | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 3-NITROANILINE | .3 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |
| | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N | Y | | U | LT | | | | EFM3S*47 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 27 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS03A | | 1 | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*47 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | ALPHA-PINENE | 1.08 | mg/kg | | Y N | | | | | | | EFM3S*47 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BENZOIC ACID | .028 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*47 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BENZO[BJ]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*47 | 00: |
| | | | BENZO[GHJ]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BENZO[KJ]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .055 | mg/kg | JB | Y Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*47 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*47 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*47 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*47 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 28 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | Lab Sample: | |
| 17-SS03A | | 1 | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*47 | 00: |
| 17-SS03B | | N 0 1 | 1,1,1-TRICHLOROETHANE | .048 | mg/kg | | Y Y | | | | | | | FMSV*208 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0042 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*208 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | 1,1-DICHLOROETHANE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0026 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*208 | 00: |
| | | | 1,2-DICHLOROETHANE | .0042 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0018 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*208 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0048 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | 2-HEXANONE (MBK) | .021 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | ACETONE | .042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | BENZENE | .0011 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*208 | 00: |
| | | | BROMODICHLOROMETHANE | .0042 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | BROMOFORM | .0042 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | BROMOMETHANE | .0084 | mg/kg | U | N Y | R | 04C 05B | | | | | FMSV*208 | 00: |
| | | | CARBON DISULFIDE | .042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | CARBON TETRACHLORIDE | .0042 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | CHLOROBENZENE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | CHLOROETHANE | .0084 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | CHLOROFORM | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | CHLOROMETHANE | .0084 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0042 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | ETHYLBENZENE | .0029 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*208 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .0039 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*208 | 00: |
| | | | METHYLENE CHLORIDE | .073 | mg/kg | | Y Y | | | | | | | FMSV*208 | 00: |
| | | | METHYLIOSOBUTYL KETONE (MIBK) | .021 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | STYRENE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | TETRACHLOROETHENE | .034 | mg/kg | | Y Y | | | | | | | FMSV*208 | 00: |
| | | | TOLUENE | .0068 | mg/kg | | Y Y | | | | | | | FMSV*208 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0042 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | TRICHLOROETHENE | .023 | mg/kg | | Y Y | | | | | | | FMSV*208 | 00: |
| | | | VINYL ACETATE | .0084 | mg/kg | U | N Y | UJ | 05B | | | | | FMSV*208 | 00: |
| | | | VINYL CHLORIDE | .0084 | mg/kg | U | N Y | U | | | | | | FMSV*208 | 00: |
| | | | XYLENE, TOTAL | .012 | mg/kg | | Y Y | | | | | | | FMSV*208 | 00: |
| | | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .2 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*48 | 00: |
| | | | 2,4-D | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 2,4-DB | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 245T | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 245TP | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DALAPON | .00998 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*48 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 29 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS03B | | 1 | DICAMBA | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DICHLOROPROP | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DINOSEB | .00998 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | MCPP | .2 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*48 | 00: |
| | | 1 | 1,3,5-TRINITROBENZENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 1,3-DINITROBENZENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 2,4,6-TRINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 2,4-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 2,6-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 2-AMINO-4,6-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 2-NITROTOLUENE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 3-NITROTOLUENE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4-AMINO-2,6-DINITROTOLUENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4-NITROTOLUENE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | CYCLOTETRAMETHYLENETETRANITRAMINE | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | NITROBENZENE | .101 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | RDX | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | TETRYL | .202 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | 1 | ALUMINUM | 12300 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | ANTIMONY | .99 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | ARSENIC | 4.87 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | BARIUM | 26.8 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | BERYLLIUM | .213 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | CADMIUM | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | CALCIUM | 168 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | CHROMIUM | 13.4 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | COBALT | 2.46 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | COPPER | 7.05 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | IRON | 14500 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | LEAD | 6.49 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | MAGNESIUM | 425 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | MANGANESE | 25.7 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | MERCURY | .0425 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | NICKEL | 5.48 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | POTASSIUM | 347 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | SELENIUM | .495 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | SILVER | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | SODIUM | 425 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | THALLIUM | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | VANADIUM | 32.4 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | | ZINC | 22.4 | mg/kg | | Y Y | | | | | | | EFM3S*48 | 00: |
| | | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,- | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*48 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 30 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|--|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS03B | | 1 | TRICHLOROETHANE | | | | | | | | | | | | |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*48 | 00: |
| | | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N | Y | UJ | LT | 05B | | | EFM3S*48 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*48 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 31 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS03B | | 1 | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*48 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*48 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*48 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .064 | mg/kg | JB | Y Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*48 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*48 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*48 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*48 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 32 of 70

| Sample Number: | Analytical/Extraction Method: | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|----------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|-----|---|-------------|----------|-----|
| | Flt | REX Dil: | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-SS03B | | 1 | NITROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*48 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*48 | 00: |
| | | 1 | TOTAL ORGANIC CARBON | 3130 | mg/kg | | Y | Y | J | | 08A | 08B | | | EFM3S*48 | 00: |
| 17-SS04A | N | 0 | 1,1,1-TRICHLOROETHANE | .11 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | 1,1-DICHLOROETHANE | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0039 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*209 | 00: |
| | | | 1,2-DICHLOROETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0043 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*209 | 00: |
| | | | 1,2-DICHLOROPROPANE | .013 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | 2-HEXANONE (MBK) | .024 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | ACETONE | .21 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | BENZENE | .0024 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*209 | 00: |
| | | | BROMODICHLOROMETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | BROMOFORM | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | BROMOMETHANE | .0095 | mg/kg | U | N | Y | R | | 04C | 05B | | | FMSV*209 | 00: |
| | | | CARBON DISULFIDE | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | CARBON TETRACHLORIDE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | CHLOROBENZENE | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | CHLOROETHANE | .0099 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | CHLOROFORM | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | CHLOROMETHANE | .0095 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | ETHYLBENZENE | .008 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .016 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*209 | 00: |
| | | | METHYLENE CHLORIDE | .19 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .024 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | STYRENE | .0048 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | TETRACHLOROETHENE | .1 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | TOLUENE | .015 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | TRICHLOROETHENE | .054 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | | | VINYL ACETATE | .0095 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*209 | 00: |
| | | | VINYL CHLORIDE | .0095 | mg/kg | U | N | Y | U | | | | | | FMSV*209 | 00: |
| | | | XYLENE, TOTAL | .029 | mg/kg | | Y | Y | | | | | | | FMSV*209 | 00: |
| | I | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .2 | mg/kg | U | N | Y | R | LT | 11A | | | | EFM3S*49 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 33 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|---------------|--------------|-------|---|---|-------------|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-SS04A | 1 | 2,4-D | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | 2,4-DB | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | 245T | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | 245TP | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | DALAPON | | .00999 | mg/kg | U | N | Y | R | LT | 11A | | | | EFM3S*49 | 00: |
| | | DICAMBA | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | DICHLOROPROP | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | DINOSEB | | .00999 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | MCPP | | .2 | mg/kg | U | N | Y | R | LT | 11A | | | | EFM3S*49 | 00: |
| | 1 | ALUMINUM | | 8370 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | ANTIMONY | | .99 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | ARSENIC | | 1.63 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | BARIUM | | 48.7 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | BERYLLIUM | | .191 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | CADMIUM | | .099 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | CALCIUM | | 159 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | CHROMIUM | | 5.83 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | COBALT | | 4.66 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | COPPER | | 2.22 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | IRON | | 5400 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | LEAD | | 6.46 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | MAGNESIUM | | 328 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | MANGANESE | | 60.4 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | MERCURY | | .061 | mg/kg | | Y | Y | J | | 15 24 | | | | EFM3S*49 | 00: |
| | | NICKEL | | 3.6 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | POTASSIUM | | 201 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | SELENIUM | | .495 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | SILVER | | .2 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | SODIUM | | 360 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | THALLIUM | | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*49 | 00: |
| | | VANADIUM | | 12.7 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | | ZINC | | 16.9 | mg/kg | | Y | Y | | | | | | | EFM3S*49 | 00: |
| | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | ALDRIN | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | ALPHA-CHLORDANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | CHLORDANE | | .0033 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | DIELDRIN | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |
| | | ENDOSULFAN I | | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | | EFM3S*49 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 34 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS04A | 1 | 1 | ENDOSULFAN II | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N | Y | UJ | LT | 02B | | | EFM3S*49 | 00: |
| | | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N | Y | UJ | LT | 05B | | | EFM3S*49 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N | Y | UJ | LT | 05B | | | EFM3S*49 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N | Y | UJ | LT | 05B | | | EFM3S*49 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | EFM3S*49 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 35 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|---------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS04A | 1 | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*49 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZO[KJ]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .024 | mg/kg | JB | Y Y | B | LT | 06A 05B 15 24 | | | | EFM3S*49 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | | | | | EFM3S*49 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | INDENO[1,2,3-C]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*49 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | | | | | EFM3S*49 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*49 | 00: |
| 17-SS04B | N 0 1 | | 1,1,1-TRICHLOROETHANE | .047 | mg/kg | | Y Y | | | | | | | FMSV*210 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 36 of 70

| Sample Number: | Analytical/Extraction Method: | Filt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS04B | N 0 1 | | 1,1-DICHLOROETHANE | .0046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0023 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*210 | 00: |
| | | | 1,2-DICHLOROETHANE | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0021 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*210 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0048 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | 2-HEXANONE (MBK) | .023 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | ACETONE | .046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | BENZENE | .001 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*210 | 00: |
| | | | BROMODICHLOROMETHANE | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | BROMOFORM | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | BROMOMETHANE | .0092 | mg/kg | U | N Y | R | | 04C 05B | | | | FMSV*210 | 00: |
| | | | CARBON DISULFIDE | .046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | CARBON TETRACHLORIDE | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | CHLOROBENZENE | .0046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | CHLOROETHANE | .0092 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | CHLOROFORM | .0046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | CHLOROMETHANE | .0092 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | ETHYLBENZENE | .0048 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .0052 | mg/kg | J | Y Y | J | | 15 | | | | FMSV*210 | 00: |
| | | | METHYLENE CHLORIDE | .089 | mg/kg | | Y Y | | | | | | | FMSV*210 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .023 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | STYRENE | .0046 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | TETRACHLOROETHENE | .039 | mg/kg | | Y Y | | | | | | | FMSV*210 | 00: |
| | | | TOLUENE | .0072 | mg/kg | | Y Y | | | | | | | FMSV*210 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0046 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | TRICHLOROETHENE | .024 | mg/kg | | Y Y | | | | | | | FMSV*210 | 00: |
| | | | VINYL ACETATE | .0092 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*210 | 00: |
| | | | VINYL CHLORIDE | .0092 | mg/kg | U | N Y | U | | | | | | FMSV*210 | 00: |
| | | | XYLENE, TOTAL | .02 | mg/kg | | Y Y | | | | | | | FMSV*210 | 00: |
| I | | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*50 | 00: |
| | | | 2,4-D | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,4-DB | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 245T | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 245TP | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | DALAPON | .00993 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*50 | 00: |
| | | | DICAMBA | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | DICHLOROPROP | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | DINOSEB | .00993 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | MCPP | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*50 | 00: |
| I | | | ALUMINUM | 25800 | mg/kg | | Y Y | | | | | | | EFM3S*50 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 37 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Reason Codes | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|--------------|---|---------|--------|-------|---------|-----|--------------|----|-------------|----------|-----|
| | | | | | | | | | 1 | 2 | 3 | 4 | |
| 17-SS04B | 1 | 1 | ANTIMONY | .96 | mg/kg | U | N Y | | U | LT | | EFM3S*50 | 00: |
| | | | ARSENIC | 5.62 | mg/kg | | Y Y | | | | | | |
| | | | BARIUM | 26.9 | mg/kg | | Y Y | | | | | | |
| | | | BERYLLIUM | .213 | mg/kg | | Y Y | | | | | | |
| | | | CADMIUM | .096 | mg/kg | U | N Y | | | | | | |
| | | | CALCIUM | 168 | mg/kg | | Y Y | | | | | | |
| | | | CHROMIUM | 26.9 | mg/kg | | Y Y | | | | | | |
| | | | COBALT | 2.35 | mg/kg | | Y Y | | | | | | |
| | | | COPPER | 8.3 | mg/kg | | Y Y | | | | | | |
| | | | IRON | 19100 | mg/kg | | Y Y | | | | | | |
| | | | LEAD | 7.96 | mg/kg | | Y Y | | | | | | |
| | | | MAGNESIUM | 527 | mg/kg | | Y Y | | | | | | |
| | | | MANGANESE | 26.9 | mg/kg | | Y Y | | | | | | |
| | | | MERCURY | .0639 | mg/kg | | Y Y | | | | | | |
| | | | NICKEL | 6.73 | mg/kg | | Y Y | | | | | | |
| | | | POTASSIUM | 381 | mg/kg | | Y Y | | | | | | |
| | | | SELENIUM | .481 | mg/kg | U | N Y | | U | LT | | EFM3S*50 | 00: |
| | | | SILVER | .19 | mg/kg | U | N Y | | | | | | |
| | | | SODIUM | 370 | mg/kg | | Y Y | | | | | | |
| | | | THALLIUM | .48 | mg/kg | U | N Y | | | | | | |
| | | | VANADIUM | 40.4 | mg/kg | | Y Y | | | | | | |
| | | | ZINC | 30.3 | mg/kg | | Y Y | | | | | | |
| 1 | 1 | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | | UJ | LT | 02B 04 05B | EFM3S*50 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B 04 | EFM3S*50 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N Y | | UJ | LT | 02B | EFM3S*50 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 38 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS04B | | 1 | PCB 1221 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | LT | 02B | | | | EFM3S*50 | 00: |
| | | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,4-DINITROPHENOL | 1.3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*50 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*50 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*50 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*50 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*50 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 39 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS04B | 1 | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | BIS(2-ETHYLHEXYL) PHTHALATE | .029 | mg/kg | JB | Y Y | B | LT | 06A 05B 15 24 | | | | | EFM3S*50 | 00: |
| | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*50 | 00: |
| | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*50 | 00: |
| | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*50 | 00: |
| 17-SS05 | N 0 1 | 1,1,1-TRICHLOROETHANE | .018 | mg/kg | | Y Y | | | | | | | | FMSV*211 | 00: |
| | | 1,1,2,2-TETRACHLOROETHANE | .0051 | mg/kg | U | N Y | UJ | | 05B | | | | | FMSV*211 | 00: |
| | | 1,1,2-TRICHLOROETHANE | .0051 | mg/kg | U | N Y | UJ | | 05B | | | | | FMSV*211 | 00: |
| | | 1,1-DICHLOROETHANE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | 1,1-DICHLOROETHYLENE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | 1,2-DICHLOROETHANE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | 1,2-DICHLOROETHENE (TOTAL) | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | 1,2-DICHLOROPROPANE | .0044 | mg/kg | J | Y Y | J | | 15 | | | | | FMSV*211 | 00: |
| | | 2-HEXANONE (MBK) | .026 | mg/kg | U | N Y | UJ | | 05B | | | | | FMSV*211 | 00: |
| | | ACETONE | .051 | mg/kg | U | N Y | UJ | | 05B | | | | | FMSV*211 | 00: |
| | | BENZENE | .00076 | mg/kg | J | Y Y | J | | 15 | | | | | FMSV*211 | 00: |
| | | BROMODICHLOROMETHANE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | BROMOFORM | .0051 | mg/kg | U | N Y | UJ | | 05B | | | | | FMSV*211 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 40 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---------------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS05 | N 0 1 | BROMOMETHANE | .01 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CARBON DISULFIDE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CARBON TETRACHLORIDE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CHLOROBENZENE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CHLOROETHANE | .01 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CHLOROFORM | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CHLOROMETHANE | .01 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | CIS-1,3-DICHLOROPROPENE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | DIBROMOCHLOROMETHANE | .0051 | mg/kg | U | N Y | UJ | | | 05B | | | | FMSV*211 | 00: |
| | | ETHYLBENZENE | .0043 | mg/kg | J | Y Y | J | | | 15 | | | | FMSV*211 | 00: |
| | | METHYL ETHYL KETONE (MEK) | .015 | mg/kg | J | Y Y | J | | | 15 | 05B | | | FMSV*211 | 00: |
| | | METHYLENE CHLORIDE | .016 | mg/kg | | Y Y | | | | | | | | FMSV*211 | 00: |
| | | METHYLISOBUTYL KETONE (MIBK) | .026 | mg/kg | U | N Y | UJ | | | 05B | | | | FMSV*211 | 00: |
| | | STYRENE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | TETRACHLOROETHENE | .029 | mg/kg | | Y Y | J | | | 05B | | | | FMSV*211 | 00: |
| | | TOLUENE | .0042 | mg/kg | J | Y Y | J | | | 15 | | | | FMSV*211 | 00: |
| | | TRANS-1,3-DICHLOROPROPENE | .0051 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | TRICHLOROETHENE | .009 | mg/kg | | Y Y | | | | | | | | FMSV*211 | 00: |
| | | VINYL ACETATE | .01 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | VINYL CHLORIDE | .01 | mg/kg | U | N Y | U | | | | | | | FMSV*211 | 00: |
| | | XYLENE, TOTAL | .019 | mg/kg | | Y Y | | | | | | | | FMSV*211 | 00: |
| | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N Y | R | LT | 11A | | | | | EFM3S*51 | 00: |
| | | 2,4-D | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | 2,4-DB | .00997 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*51 | 00: |
| | | 245T | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | 245TP | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | DALAPON | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | DICAMBA | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | DICHLOROPROP | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | DINOSEB | .00997 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | CPPP | .199 | mg/kg | U | N Y | UJ | LT | 05B | | | | | EFM3S*51 | 00: |
| | 1 | ALUMINUM | 5020 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | ANTIMONY | .99 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | ARSENIC | 5.41 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | BARIUM | 20.3 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | BERYLLIUM | .107 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | CADMIUM | .099 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*51 | 00: |
| | | CALCIUM | 171 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | CHROMIUM | 15 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | COBALT | 1.18 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | COPPER | 3.53 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |
| | | IRON | 20300 | mg/kg | | Y Y | | | | | | | | EFM3S*51 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 41 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---|---------|--------|-------|-------------|---------------|--------------|-----|----|-----|-------------|----------|
| | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS05 | | 1 | LEAD | 13.9 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | MAGNESIUM | 139 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | MANGANESE | 41.7 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | MERCURY | .083 | mg/kg | | Y Y | J | | 24 | 15 | | EFM3S*51 | 00: |
| | | | NICKEL | 2.03 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | POTASSIUM | 139 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | SELENIUM | .775 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | SILVER | .2 | mg/kg | U | N Y | U | LT | | | | EFM3S*51 | 00: |
| | | | SODIUM | 385 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | THALLIUM | .5 | mg/kg | U | N Y | U | LT | | | | EFM3S*51 | 00: |
| | | | VANADIUM | 29.9 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | | ZINC | 23.5 | mg/kg | | Y Y | | | | | | EFM3S*51 | 00: |
| | | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | UJ | LT | 02B | 04 | 05B | EFM3S*51 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | 04 | | EFM3S*51 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | LT | 02B | | | EFM3S*51 | 00: |
| | | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | EFM3S*51 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | EFM3S*51 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 42 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS05 | | 1 | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2,4-DINITROPHENOL | 1.3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*51 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A | 08B | | | EFM3S*51 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*51 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZOIC ACID | .11 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*51 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZO[KJ]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*51 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .056 | mg/kg | J | Y Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*51 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*51 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .021 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*51 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*51 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 43 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|--------------|----------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-SS05 | 1 | | DIETHYL PHTHALATE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N | Y | R | LT | 11A | | | | EFM3S*51 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*51 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N | Y | UJ | LT | | | | | EFM3S*51 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*51 | 00: |
| 17-SS06 | N 0 1 | | 1,1,1-TRICHLOROETHANE | .011 | mg/kg | | Y | Y | | | | | | | FMSV*212 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .005 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*212 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | 1,1-DICHLOROETHANE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | 1,2-DICHLOROETHANE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0044 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*212 | 00: |
| | | | 2-HEXANONE (MBK) | .025 | mg/kg | U | N | Y | UJ | | | | | | FMSV*212 | 00: |
| | | | ACETONE | .42 | mg/kg | | Y | Y | J | | | | | | FMSV*212 | 00: |
| | | | BENZENE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | BROMODICHLOROMETHANE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | BROMOFORM | .005 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*212 | 00: |
| | | | BROMOMETHANE | .01 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CARBON DISULFIDE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CARBON TETRACHLORIDE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CHLOROBENZENE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CHLOROETHANE | .01 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CHLOROFORM | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CHLOROMETHANE | .01 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | DIBROMOCHLOROMETHANE | .005 | mg/kg | U | N | Y | U | | | | | | FMSV*212 | 00: |
| | | | ETHYLBENZENE | .0056 | mg/kg | | Y | Y | J | | | | | | FMSV*212 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .015 | mg/kg | J | N | Y | J | | | | | | FMSV*212 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 44 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS06 | | N 0 1 | METHYLENE CHLORIDE | .0083 | mg/kg | | Y Y | | | | | | | FMSV*212 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .0034 | mg/kg | J | Y Y | J | | | | | | FMSV*212 | 00: |
| | | | STYRENE | .005 | mg/kg | U | N Y | | U | | | | | FMSV*212 | 00: |
| | | | TETRACHLOROETHENE | .04 | mg/kg | | Y Y | | | | | | | FMSV*212 | 00: |
| | | | TOLUENE | .0054 | mg/kg | | Y Y | | | | | | | FMSV*212 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .005 | mg/kg | U | N Y | | U | | | | | FMSV*212 | 00: |
| | | | TRICHLOROETHENE | .0096 | mg/kg | | Y Y | | | | | | | FMSV*212 | 00: |
| | | | VINYL ACETATE | .01 | mg/kg | U | N Y | | U | | | | | FMSV*212 | 00: |
| | | | VINYL CHLORIDE | .01 | mg/kg | U | N Y | | U | | | | | FMSV*212 | 00: |
| | | | XYLENE, TOTAL | .026 | mg/kg | | Y Y | | | | | | | FMSV*212 | 00: |
| | | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*52 | 00: |
| | | | 2,4-D | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | 2,4-DB | .00995 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*52 | 00: |
| | | | 245T | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | 245TP | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | DALAPON | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | DICAMBA | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | DICHLOROPROP | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | DINOSEB | .00995 | mg/kg | U | N Y | U | LT | | | | | EFM3S*52 | 00: |
| | | | MCPP | .199 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*52 | 00: |
| | | 1 | ALUMINUM | 9420 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | BARIUM | 25.8 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | BERYLLIUM | .191 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | CALCIUM | 572 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | CHROMIUM | 48.2 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | MAGNESIUM | 179 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | MERCURY | .083 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | POTASSIUM | 213 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | | SODIUM | 348 | mg/kg | | Y Y | | | | | | | EFM3S*52 | 00: |
| | | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00336 | mg/kg | C | Y Y | J | | 02B | | | | EFM3S*52 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00168 | mg/kg | C | Y Y | J | | 02B | | | | EFM3S*52 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | UJ | | 02B 04 05B | | | | EFM3S*52 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*52 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 45 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------|---------|--------|-------|---------|-----|---------------|--------------|---------|----------|-----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS06 | 1 | 1 | ENDRIN | .00067 | mg/kg | U | N | Y | UJ | 02B | 04 | EFM3S*52 | 00: | | |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | UJ | 02B | 04 | EFM3S*52 | 00: | | |
| | | | LINDANE | .00067 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N | Y | UJ | 02B | 04 | EFM3S*52 | 00: | | |
| | | | PCB 1232 | .013 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N | Y | UJ | 02B | 04 | EFM3S*52 | 00: | | |
| | | | PCB 1260 | .013 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | PPDDD | .00202 | mg/kg | C | Y | Y | J | | | | | EFM3S*52 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | 05B | EFM3S*52 | 00: | | |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | 05B | EFM3S*52 | 00: | | |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N | Y | UJ | LT | 08A 08B | EFM3S*52 | 00: | | |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | 05B | EFM3S*52 | 00: | | |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N | Y | U | LT | 05B | EFM3S*52 | 00: | | |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N | Y | U | LT | 05B | EFM3S*52 | 00: | | |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N | Y | UJ | | | | | EFM3S*52 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N | Y | U | LT | 05B | EFM3S*52 | 00: | | |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N | Y | U | | | | | EFM3S*52 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 46 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS06 | 1 | ALPHA-PINENE | .336 | mg/kg | | Y Y | | | | | | | | EFM3S*52 | 00: |
| | | ANTHRACENE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BENZOIC ACID | .21 | mg/kg | J | Y Y | | J | LT | 15 | 24 | | | EFM3S*52 | 00: |
| | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BENZO[BJ]FLUORANTHENE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | | UJ | LT | 05B | | | | EFM3S*52 | 00: |
| | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BENZO[KJ]FLUORANTHENE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | BIS(2-ETHYLHEXYL) PHTHALATE | .079 | mg/kg | J | Y Y | | B | LT | 06A | 05B | 15 | 24 | EFM3S*52 | 00: |
| | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | | UJ | LT | 05B | | | | EFM3S*52 | 00: |
| | | CHRYSENE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | DIBENZOFURAN | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | FLUORANTHENE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | FLUORENE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | HEXAChLOROBENZENE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | HEXAChLOROBUTADIENE | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | HEXAChLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | | R | LT | 11A | | | | EFM3S*52 | 00: |
| | | HEXAChLOROETHANE | .1 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | ISOPHORONE | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | | UJ | LT | 05B | | | | EFM3S*52 | 00: |
| | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | NAPHTHALENE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | NITROBENZENE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | O-CRESOL | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | P-CRESOL | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | PHENANTHRENE | .07 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | PHENOL | .14 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | 2 | ANTIMONY | 2 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | ARSENIC | 15.8 | mg/kg | | Y Y | | | | | | | | EFM3S*52 | 00: |
| | | CADMIUM | .2 | mg/kg | U | N Y | | U | LT | | | | | EFM3S*52 | 00: |
| | | COBALT | 1.08 | mg/kg | | Y Y | | | | | | | | EFM3S*52 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 47 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS06 | | 2 | COPPER | 7.4 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| | | | IRON | 65000 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| | | | LEAD | 19.3 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| | | | MANGANESE | 80.7 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| | | | NICKEL | 4.26 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| | | | SELENIUM | 1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*52 | 00: |
| | | | SILVER | .4 | mg/kg | U | N | Y | U | LT | | | | EFM3S*52 | 00: |
| | | | THALLIUM | 1 | mg/kg | U | N | Y | U | LT | | | | EFM3S*52 | 00: |
| | | | VANADIUM | 91.9 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| | | | ZINC | 18.2 | mg/kg | | Y | Y | | | | | | EFM3S*52 | 00: |
| 17-SS07 | | N 0 1 | 1,1,1-TRICHLOROETHANE | .05 | mg/kg | | Y | Y | | | | | | FMSV*213 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | FMSV*213 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | FMSV*213 | 00: |
| | | | 1,1-DICHLOROETHANE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | 1,2-DICHLOROETHANE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .00062 | mg/kg | J | Y | Y | J | | 15 | | | FMSV*213 | 00: |
| | | | 1,2-DICHLOROPROPANE | .011 | mg/kg | | Y | Y | | | | | | FMSV*213 | 00: |
| | | | 2-HEXANONE (MBK) | .024 | mg/kg | U | N | Y | UJ | | 05B | | | FMSV*213 | 00: |
| | | | ACETONE | .62 | mg/kg | | Y | Y | J | | 05B | | | FMSV*213 | 00: |
| | | | BENZENE | .0031 | mg/kg | J | Y | Y | J | | 15 | | | FMSV*213 | 00: |
| | | | BROMODICHLOROMETHANE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | BROMOFORM | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | FMSV*213 | 00: |
| | | | BROMOMETHANE | .0096 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CARBON DISULFIDE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CARBON TETRACHLORIDE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CHLOROBENZENE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CHLOROETHANE | .0096 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CHLOROFORM | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CHLOROMETHANE | .0096 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0048 | mg/kg | U | N | Y | UJ | | 05B | | | FMSV*213 | 00: |
| | | | ETHYLBENZENE | .01 | mg/kg | | Y | Y | | | | | | FMSV*213 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .027 | mg/kg | | Y | Y | J | | 05B | | | FMSV*213 | 00: |
| | | | METHYLENE CHLORIDE | .029 | mg/kg | | Y | Y | | | | | | FMSV*213 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .024 | mg/kg | U | N | Y | UJ | | 05B | | | FMSV*213 | 00: |
| | | | STYRENE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | TETRACHLOROETHENE | .09 | mg/kg | | Y | Y | J | | 05B | | | FMSV*213 | 00: |
| | | | TOLUENE | .01 | mg/kg | | Y | Y | | | | | | FMSV*213 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0048 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | TRICHLOROETHENE | .022 | mg/kg | | Y | Y | | | | | | FMSV*213 | 00: |
| | | | VINYL ACETATE | .0096 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |
| | | | VINYL CHLORIDE | .0096 | mg/kg | U | N | Y | U | | | | | FMSV*213 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 48 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Reason Codes | | Lab Sample: | Anal Tim | | |
|----------------|-------------------------------|--------------|---|---------|--------|-------|---------|-----|--------------|-------|-------------|----------|----------|-----|
| | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS07 | | N 0 1 | XYLENE, TOTAL | .045 | mg/kg | | Y Y | | | | | | FMSV*213 | 00: |
| | | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .199 | mg/kg | U | N Y | R | LT | 11A | | | EFM3S*53 | 00: |
| | | | 2,4-D | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | 2,4-DB | .00996 | mg/kg | U | N Y | UJ | LT | 05B | | | EFM3S*53 | 00: |
| | | | 245T | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | 245TP | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | DALAPON | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | DICAMBA | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | DICHLOROPROP | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | DINOSEB | .00996 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | MCPP | .199 | mg/kg | U | N Y | UJ | LT | 05B | | | EFM3S*53 | 00: |
| | | 1 | ALUMINUM | 12700 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | ANTIMONY | .96 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | ARSENIC | 13.8 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | BARIUM | 173 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | BERYLLIUM | .276 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | CADMIUM | .096 | mg/kg | U | N Y | U | LT | | | | EFM3S*53 | 00: |
| | | | CALCIUM | 3460 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | CHROMIUM | 39.2 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | COBALT | 3.69 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | COPPER | 16.1 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | IRON | 42600 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | LEAD | 300 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | MAGNESIUM | 449 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | MANGANESE | 161 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | MERCURY | .134 | mg/kg | | Y Y | J | | 24 15 | | | EFM3S*53 | 00: |
| | | | NICKEL | 10.3 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | POTASSIUM | 300 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | SELENIUM | 2.04 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | SILVER | .565 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | SODIUM | 392 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | THALLIUM | .841 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | VANADIUM | 68 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | | ZINC | 127 | mg/kg | | Y Y | | | | | | EFM3S*53 | 00: |
| | | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00196 | mg/kg | C | Y Y | J | | 02B | | | EFM3S*53 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00357 | mg/kg | C | Y Y | J | | 02B | | | EFM3S*53 | 00: |
| | | | ALDRIN | .00067 | mg/kg | U | N Y | UJ | | 02B | | | EFM3S*53 | 00: |
| | | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | EFM3S*53 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | EFM3S*53 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | EFM3S*53 | 00: |
| | | | CHLORDANE | .0033 | mg/kg | U | N Y | UJ | | 02B | | | EFM3S*53 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 49 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS07 | 1 | 1 | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | DIELDRIN | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | UJ | | 02B 04 | 05B | | | EFM3S*53 | 00: |
| | | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | ENDRIN | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N Y | UJ | | 02B 04 | | | | EFM3S*53 | 00: |
| | | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | HEPTACHLOR | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N Y | UJ | | 02B | | | | EFM3S*53 | 00: |
| | | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*53 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A 08B | | | | EFM3S*53 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*53 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 50 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|-----|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS07 | | 1 | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | ALPHA-PINENE | 1.15 | mg/kg | | Y Y | | | | | | | EFM3S*53 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .026 | mg/kg | J | Y Y | J | LT | 15 | 24 | 05B | | EFM3S*53 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .553 | mg/kg | | Y Y | B | | 06A | 05B | | | EFM3S*53 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*53 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | CLIONASTEROL | 1.15 | mg/kg | | Y Y | | | | | | | EFM3S*53 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .029 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*53 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | FLUORANTHENE | .025 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*53 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*53 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*53 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*53 | 00: |
| | | | PHENANTHRENE | .045 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*53 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 51 of 70

| Sample Number: | Analytical/Extraction Method: | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--|------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|----------|-------------|----------|
| | Flt | REX Dil: | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS07 | | 1 | PHENOL | .14 | mg/kg | U | N Y | | U | LT | | | | EFM3S*53 | 00: |
| 17-SS08 | N 0 1 | 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE (TOTAL) 1,2-DICHLOROPROPANE 2-HEXANONE (MBK) ACETONE BENZENE BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON DISULFIDE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM CHLOROMETHANE CIS-1,3-DICHLOROPROPENE DIBROMOCHLOROMETHANE ETHYLBENZENE METHYL ETHYL KETONE (MEK) METHYLENE CHLORIDE METHYLISOBUTYL KETONE (MIBK) STYRENE TETRACHLOROETHENE TOLUENE TRANS-1,3-DICHLOROPROPENE TRICHLOROETHENE VINYL ACETATE VINYL CHLORIDE XYLENE, TOTAL | | .026 | mg/kg | U | Y Y | | | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0016 | mg/kg | J | Y Y | | J | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0008 | mg/kg | J | Y Y | | J | | | | | FMSV*214 | 00: |
| | | | | .0021 | mg/kg | J | Y Y | | J | | | | | FMSV*214 | 00: |
| | | | | .021 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .00056 | mg/kg | J | Y Y | | J | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0085 | mg/kg | U | N Y | | R | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0085 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .0029 | mg/kg | J | Y Y | | J | | | | | FMSV*214 | 00: |
| | | | | .021 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .036 | mg/kg | B | Y Y | | | | | | | FMSV*214 | 00: |
| | | | | .021 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .024 | mg/kg | | Y Y | | | | | | | FMSV*214 | 00: |
| | | | | .0041 | mg/kg | J | Y Y | | J | | | | | FMSV*214 | 00: |
| | | | | .0043 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .013 | mg/kg | | Y Y | | | | | | | FMSV*214 | 00: |
| | | | | .0085 | mg/kg | U | N Y | | UJ | | | | | FMSV*214 | 00: |
| | | | | .0085 | mg/kg | U | N Y | | U | | | | | FMSV*214 | 00: |
| | | | | .012 | mg/kg | | Y Y | | | | | | | FMSV*214 | 00: |
| | | | | .199 | mg/kg | U | N Y | | R | LT | 11A | | | EFM3S*54 | 00: |
| | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | | | | | | | | | | | | | |
| | | 2,4-D | .00994 | mg/kg | U | N Y | | U | LT | | | | EFM3S*54 | 00: | |
| | | 2,4-DB | .00994 | mg/kg | U | N Y | | U | LT | | | | EFM3S*54 | 00: | |
| | | 245T | .00994 | mg/kg | U | N Y | | U | LT | | | | EFM3S*54 | 00: | |
| | | 245TP | .00994 | mg/kg | U | N Y | | U | LT | | | | EFM3S*54 | 00: | |
| | | DALAPON | .00994 | mg/kg | U | N Y | | R | LT | 11A | | | EFM3S*54 | 00: | |
| | | DICAMBA | .00994 | mg/kg | U | N Y | | U | LT | | | | EFM3S*54 | 00: | |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 52 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS08 | 1 | DICHLOROPROP | .00994 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*54 | 00: |
| | | DINOSEB | .00994 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*54 | 00: |
| | 1 | MCPP | .199 | mg/kg | U | N Y | R | LT | 11A | | | | | EFM3S*54 | 00: |
| | | ALUMINUM | 4100 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | ANTIMONY | .98 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*54 | 00: |
| | | ARSENIC | 16.5 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | BARIUM | 5.97 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | BERYLLIUM | .281 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | CADMIUM | .098 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*54 | 00: |
| | | CALCIUM | 141 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | CHROMIUM | 25.8 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | COBALT | 5.74 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | COPPER | 22.2 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | IRON | 56200 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | LEAD | 11.2 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | MAGNESIUM | 66.7 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | MANGANESE | 29.3 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | MERCURY | .024 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*54 | 00: |
| | | NICKEL | 8.78 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | POTASSIUM | 176 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | SELENIUM | 2.27 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | SILVER | .2 | mg/kg | U | N Y | U | LT | | | | | | EFM3S*54 | 00: |
| | | SODIUM | 328 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | THALLIUM | 1.99 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | VANADIUM | 86.7 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | | ZINC | 29.3 | mg/kg | | Y Y | | | | | | | | EFM3S*54 | 00: |
| | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ALDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ALPHA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | CHLORDANE | .0033 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | DIELDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ENDOSULFAN I | .00067 | mg/kg | U | N Y | UJ | LT | 02B 04 05B | | | | | EFM3S*54 | 00: |
| | | ENDOSULFAN II | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ENDOSULFAN SULFATE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ENDRIN | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | ENDRIN ALDEHYDE | .00067 | mg/kg | U | N Y | UJ | LT | 02B 04 | | | | | EFM3S*54 | 00: |
| | | GAMMA-CHLORDANE | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |
| | | HEPTACHLOR | .00067 | mg/kg | U | N Y | UJ | LT | 02B | | | | | EFM3S*54 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 53 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------|---------|--------|-------|---------|-----|--------------|----|---------|---|-------------|----------|
| | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS08 | 1 | 1 | HEPTACHLOR EPOXIDE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | LINDANE | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | METHOXYCHLOR | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1016 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1221 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1232 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1242 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1248 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1254 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PCB 1260 | .013 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | PPDDD | .00067 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | TOXAPHENE | .067 | mg/kg | U | N | Y | UJ | LT | 02B | | EFM3S*54 | 00: |
| | | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2,4-DINITROPHENOL | 1.3 | mg/kg | U | N | Y | UJ | LT | 05B | | EFM3S*54 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | UJ | LT | 08A 08B | | EFM3S*54 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N | Y | UJ | LT | 05B | | EFM3S*54 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N | Y | UJ | LT | 05B | | EFM3S*54 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N | Y | U | LT | | | EFM3S*54 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 54 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-SS08 | I | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*54 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .034 | mg/kg | J | Y Y | B | LT | 06A 05B 15 | 24 | | | EFM3S*54 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*54 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*54 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*54 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*54 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*54 | 00: |
| 17-TP01 | N 0 1 | | 1,1,1-TRICHLOROETHANE | .023 | mg/kg | | Y Y | | | | | | | FMSV*215 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0043 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*215 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0043 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*215 | 00: |
| | | | 1,1-DICHLOROETHANE | .0043 | mg/kg | U | N Y | U | | | | | | FMSV*215 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0043 | mg/kg | U | N Y | U | | | | | | FMSV*215 | 00: |
| | | | 1,2-DICHLOROETHANE | .0043 | mg/kg | U | N Y | U | | | | | | FMSV*215 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .0043 | mg/kg | U | N Y | U | | | | | | FMSV*215 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0084 | mg/kg | | Y Y | | | | | | | FMSV*215 | 00: |
| | | | 2-HEXANONE (MBK) | .022 | mg/kg | U | N Y | UJ | | 05B | | | | FMSV*215 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 55 of 70

| Sample Number: | Analytical/Extraction Method: | | | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---------------------------------------|------|---------|--------|-------|---------|-----|---------------|--------------|---------|---|---|-------------|----------|
| | Flt | REX | Dil: | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP01 | N 0 1 | ACETONE | | .043 | mg/kg | | Y Y | | UJ | 05B | | | | FMSV*215 | 00: |
| | | BENZENE | | .0012 | mg/kg | J | Y Y | | J | 15 | | | | FMSV*215 | 00: |
| | 1 | BROMODICHLOROMETHANE | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | BROMOFORM | | .0043 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*215 | 00: |
| | | BROMOMETHANE | | .0086 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CARBON DISULFIDE | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CARBON TETRACHLORIDE | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CHLOROBENZENE | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CHLOROETHANE | | .0086 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CHLOROFORM | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CHLOROMETHANE | | .0086 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | CIS-1,3-DICHLOROPROPENE | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | DIBROMOCHLOROMETHANE | | .0043 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*215 | 00: |
| | | ETHYLBENZENE | | .0027 | mg/kg | J | Y Y | | J | 15 | | | | FMSV*215 | 00: |
| | | METHYL ETHYL KETONE (MEK) | | .022 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*215 | 00: |
| | | METHYLENE CHLORIDE | | .014 | mg/kg | | Y Y | | | | | | | FMSV*215 | 00: |
| | | METHYLISOBUTYL KETONE (MIBK) | | .022 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*215 | 00: |
| | | STYRENE | | .0043 | mg/kg | U | N Y | | UJ | 05B | | | | FMSV*215 | 00: |
| | | TETRACHLOROETHENE | | .016 | mg/kg | | Y Y | | J | 05B | | | | FMSV*215 | 00: |
| | | TOLUENE | | .0048 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | TRANS-1,3-DICHLOROPROPENE | | .0043 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | TRICHLOROETHENE | | .011 | mg/kg | | Y Y | | | | | | | FMSV*215 | 00: |
| | | VINYL ACETATE | | .0086 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | VINYL CHLORIDE | | .0086 | mg/kg | U | N Y | | U | | | | | FMSV*215 | 00: |
| | | XYLENE, TOTAL | | .0098 | mg/kg | | Y Y | | | | | | | FMSV*215 | 00: |
| | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | | .22 | mg/kg | U | N Y | | R | LT | 02A 11A | | | EFM3S*55 | 00: |
| | | 2,4-D | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | 2,4-DB | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | 245T | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | 245TP | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | DALAPON | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | DICAMBA | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | DICHLOROPROP | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | DINOSEB | | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*55 | 00: |
| | | MCPP | | .22 | mg/kg | U | N Y | | R | LT | 02A 11A | | | EFM3S*55 | 00: |
| | 1 | 1,3,5-TRINITROBENZENE | | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |
| | | 1,3-DINITROBENZENE | | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |
| | | 2,4,6-TRINITROTOLUENE | | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |
| | | 2,4-DINITROTOLUENE | | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |
| | | 2,6-DINITROTOLUENE | | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |
| | | 2-AMINO-4,6-DINITROTOLUENE | | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |
| | | 2-NITROTOLUENE | | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*55 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 56 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Reason Codes | | Lab Sample: | Anal Tim | | |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|--------------|-----|-------------|----------|----------|-----|
| | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP01 | 1 | 3-NITROTOLUENE | | .2 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | 4-AMINO-2,6-DINITROTOLUENE | | .1 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | 4-NITROTOLUENE | | .2 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | CYCLOTETRAMETHYLENETETRANITRAMINE | | .2 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | NITROBENZENE | | .1 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | RDX | | .2 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | Tetryl | | .2 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | ALUMINUM | | 10300 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | ANTIMONY | | .96 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | ARSENIC | | 6.24 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | BARIUM | | 32 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | BERYLLIUM | | .232 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | CADMIUM | | .096 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | CALCIUM | | 618 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | CHROMIUM | | 32 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | COBALT | | 1.99 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | COPPER | | 3.86 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | IRON | | 23200 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | LEAD | | 8.28 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | MAGNESIUM | | 298 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | MANGANESE | | 30.9 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | MERCURY | | .037 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | NICKEL | | 3.75 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | POTASSIUM | | 243 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | SELENIUM | | .763 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | SILVER | | .19 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | SODIUM | | 375 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | THALLIUM | | .728 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | VANADIUM | | 40.8 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| | | ZINC | | 9.93 | mg/kg | | Y Y | | | | | | EFM3S*55 | 00: |
| 1 | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | ALDRIN | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | ALPHA-CHLORDANE | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | CHLORDANE | | .0036 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | DIELDRIN | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |
| | | ENDOSULFAN I | | .00074 | mg/kg | U | N Y | UJ | LT | 05B | | | EFM3S*55 | 00: |
| | | ENDOSULFAN II | | .00074 | mg/kg | U | N Y | U | LT | | | | EFM3S*55 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 57 of 70

| Sample Number: | Analytical/Extraction | | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-----------------------|-----------------------------|------------|---------|--------|-------|-----|-----|-----|---------------|--------------|---|---|---|-------------|-----|
| | Method: | Flt REX Dil: | | | | | | | | | 1 | 2 | 3 | 4 | Lab Sample: | |
| 17-TP01 | 1 | ENDOSULFAN SULFATE | .00074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | ENDRIN | .00074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | ENDRIN ALDEHYDE | .00074 | mg/kg | U | N | Y | UJ | LT | 04 | | | | | EFM3S*55 | 00: |
| | | GAMMA-CHLORDANE | .00074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | HEPTACHLOR | .00074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | HEPTACHLOR EPOXIDE | .00074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | LINDANE | .00074 | mg/kg | U | N | Y | UJ | LT | 04 | | | | | EFM3S*55 | 00: |
| | | METHOXYCHLOR | .00074 | mg/kg | U | N | Y | UJ | LT | 05B | | | | | EFM3S*55 | 00: |
| | | PCB 1016 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PCB 1221 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PCB 1232 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PCB 1242 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PCB 1248 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PCB 1254 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PCB 1260 | .014 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | PPDDD | .00074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | TOXAPHENE | .074 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N | Y | UJ | LT | 05B | | | | | EFM3S*55 | 00: |
| | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N | Y | UJ | LT | 08A | 08B | | | | EFM3S*55 | 00: |
| | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 2-NITROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 3-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 4-CHLOROANILINE | .3 | mg/kg | U | N | Y | UJ | LT | 05B | | | | | EFM3S*55 | 00: |
| | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 4-NITROANILINE | .3 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | 4-NITROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |
| | | ACENAPHTHENE | .07 | mg/kg | U | N | Y | U | LT | | | | | | EFM3S*55 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 58 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim | |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|-----|----|-------------|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| 17-TP01 | 1 | | ACENAPHTHYLENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZOIC ACID | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*55 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .084 | mg/kg | J | Y | Y | B | LT | 05B | 06A | 15 | 24 | EFM3S*55 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*55 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N | Y | R | LT | 11A | | | | EFM3S*55 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*55 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*55 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*55 | 00: |
| 17-TP02 | 1 | | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .216 | mg/kg | U | N | Y | R | LT | 02A | 11A | | | EFM3S*56 | 00: |
| | | | 2,4-D | .0108 | mg/kg | U | N | Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | | | 2,4-DB | .0108 | mg/kg | U | N | Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | | | 245T | .0108 | mg/kg | U | N | Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 59 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|-----------------------------------|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP02 | 1 | 245TP | | .0108 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | | DALAPON | | .0108 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | | DICAMBA | | .0108 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | 1 | DICHLOROPROP | | .0108 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | | DINOSEB | | .0108 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*56 | 00: |
| | | MCPP | | .216 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*56 | 00: |
| | | 1,3,5-TRINITROBENZENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 1,3-DINITROBENZENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | 1 | 2,4,6-TRINITROTOLUENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 2,4-DINITROTOLUENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 2,6-DINITROTOLUENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 2-AMINO-4,6-DINITROTOLUENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 2-NITROTOLUENE | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 3-NITROTOLUENE | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 4-AMINO-2,6-DINITROTOLUENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | 4-NITROTOLUENE | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | CYCLOTETRAMETHYLENETETRANITRAMINE | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | NITROBENZENE | | .099 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | RDX | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | TETRYL | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | 1 | ALUMINUM | | 3770 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | ANTIMONY | | .91 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | ARSENIC | | 1.69 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | BARIUM | | 48.5 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | BERYLLIUM | | .205 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | CADMIUM | | .091 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | CALCIUM | | 474 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | CHROMIUM | | 4.74 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | COBALT | | 1.94 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | COPPER | | 2.59 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | IRON | | 4310 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | LEAD | | 9.48 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | MAGNESIUM | | 151 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | MANGANESE | | 183 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | MERCURY | | .0851 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | NICKEL | | 1.72 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | POTASSIUM | | 101 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | SELENIUM | | .455 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | SILVER | | .205 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | SODIUM | | 356 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | THALLIUM | | .45 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | VANADIUM | | 8.51 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 60 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|---|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | Lab Sample: | |
| 17-TP02 | | 1 | ZINC | 15.1 | mg/kg | | Y Y | | | | | | | EFM3S*56 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ALDRIN | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ALPHA-CHLORDANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ALPHA-HEXACHLOROCYCLOHEXANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | BETA-HEXACHLOROCYCLOHEXANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | CHLORDANE | .0036 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | DELTA-HEXACHLOROCYCLOHEXANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | DIELDRIN | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ENDOSULFAN I | .00072 | mg/kg | U | N Y | UJ | LT | 07A 05B | | | | EFM3S*56 | 00: |
| | | | ENDOSULFAN II | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ENDOSULFAN SULFATE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ENDRIN | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | ENDRIN ALDEHYDE | .00072 | mg/kg | U | N Y | UJ | LT | 07A 04 | | | | EFM3S*56 | 00: |
| | | | GAMMA-CHLORDANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | HEPTACHLOR | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | HEPTACHLOR EPOXIDE | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | LINDANE | .00072 | mg/kg | U | N Y | UJ | LT | 07A 04 | | | | EFM3S*56 | 00: |
| | | | METHOXYSCHLOR | .00072 | mg/kg | U | N Y | UJ | LT | 07A 05B | | | | EFM3S*56 | 00: |
| | | | PCB 1016 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PCB 1221 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PCB 1232 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PCB 1242 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PCB 1248 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PCB 1254 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PCB 1260 | .014 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | PPDDD | .00072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | | TOXAPHENE | .072 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*56 | 00: |
| | | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2,4-DINITROPHENOL | .13 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*56 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A 08B | | | | EFM3S*56 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 61 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP02 | | 1 | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*56 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | | LT | | | | | EFM3S*56 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*56 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .151 | mg/kg | | Y Y | B | | 06A 05B | | | | EFM3S*56 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | | | | | EFM3S*56 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*56 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*56 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 63 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|-----------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---------|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP03 | | 1 | ACID | | | | | | | | | | | | |
| | | | 2,4-D | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | 2,4-DB | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | 245T | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | 245TP | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | DALAPON | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | DICAMBA | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | DICHLOROPROP | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | DINOSEB | .011 | mg/kg | U | N Y | | UJ | LT | 02A | | | EFM3S*57 | 00: |
| | | | MCPP | .223 | mg/kg | U | N Y | R | | LT | 02A 11A | | | EFM3S*57 | 00: |
| | | 1 | 1,3,5-TRINITROBENZENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 1,3-DINITROBENZENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 2,4,6-TRINITROTOLUENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 2,4-DINITROTOLUENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 2,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 2-AMINO-4,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 2-NITROTOLUENE | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 3-NITROTOLUENE | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 4-AMINO-2,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | 4-NITROTOLUENE | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | CYCLOTETRAMETHYLENETETRANITRAMINE | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | NITROBENZENE | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | RDX | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | TETRYL | .2 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | 1 | ALUMINUM | 8850 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | ANTIMONY | 1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | ARSENIC | 9.7 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | BARIUM | 14.6 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | BERYLLIUM | .157 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | CADMIUM | .1 | mg/kg | U | N Y | | U | LT | | | | EFM3S*57 | 00: |
| | | | CALCIUM | 112 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | CHROMIUM | 21.3 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | COBALT | 1.79 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | COPPER | 9.97 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | IRON | 25800 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | LEAD | 7.28 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | MAGNESIUM | 202 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | MANGANESE | 19 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | MERCURY | .0325 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | NICKEL | 3.81 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | POTASSIUM | 213 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | | SELENIUM | .963 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 62 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|----------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|----------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP02 | | 1 | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*56 | 00: |
| 17-TP03 | | N 0 1 | 1,1,1-TRICHLOROETHANE | .022 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .005 | mg/kg | U | N Y | UJ | | | | | | FMSV*217 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | 1,1-DICHLOROETHANE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | 1,2-DICHLOROETHANE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | 1,2-DICHLOROPROPANE | .0094 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | 2-HEXANONE (MBK) | .025 | mg/kg | U | N Y | UJ | | | | | | FMSV*217 | 00: |
| | | | ACETONE | .041 | mg/kg | U | N Y | UJ | | | | | | FMSV*217 | 00: |
| | | | BENZENE | .00057 | mg/kg | J | Y Y | J | | | | | | FMSV*217 | 00: |
| | | | BROMODICHLOROMETHANE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | BROMOFORM | .005 | mg/kg | U | N Y | UJ | | | | | | FMSV*217 | 00: |
| | | | BROMOMETHANE | .0099 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CARBON DISULFIDE | .0042 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CARBON TETRACHLORIDE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CHLOROBENZENE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CHLOROETHANE | .0099 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CHLOROFORM | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CHLOROMETHANE | .0099 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | DIBROMOCHLOROMETHANE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | ETHYLBENZENE | .004 | mg/kg | J | Y Y | J | | | | | | FMSV*217 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .027 | mg/kg | U | N Y | UJ | | | | | | FMSV*217 | 00: |
| | | | METHYLENE CHLORIDE | .011 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .025 | mg/kg | U | N Y | UJ | | | | | | FMSV*217 | 00: |
| | | | STYRENE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | TETRACHLOROETHENE | .032 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | TOLUENE | .005 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .005 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | TRICHLOROETHENE | .011 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | VINYL ACETATE | .0099 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | VINYL CHLORIDE | .0099 | mg/kg | U | N Y | U | | | | | | FMSV*217 | 00: |
| | | | XYLENE, TOTAL | .017 | mg/kg | | Y Y | | | | | | | FMSV*217 | 00: |
| | | | (4-CHLORO-2-METHYLPHENOXY)ACETIC | .223 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*57 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 64 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP03 | 1 | SILVER | | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | SODIUM | | 370 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | THALLIUM | | .571 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | 1 | VANADIUM | | 51.5 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | ZINC | | 13.4 | mg/kg | | Y Y | | | | | | | EFM3S*57 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-TRICHLOROETHANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | 1 | ALDRIN | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | ALPHA-CHLORDANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | CHLORDANE | | .0037 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | DIELDRIN | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | ENDOSULFAN I | | .00075 | mg/kg | U | N Y | UJ | LT | 07A 05B | | | | EFM3S*57 | 00: |
| | | ENDOSULFAN II | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | ENDOSULFAN SULFATE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | ENDRIN | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | ENDRIN ALDEHYDE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A 04 | | | | EFM3S*57 | 00: |
| | | GAMMA-CHLORDANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A 04 | | | | EFM3S*57 | 00: |
| | | HEPTACHLOR | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | HEPTACHLOR EPOXIDE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | LINDANE | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | METHOXYCHLOR | | .00075 | mg/kg | U | N Y | UJ | LT | 07A 05B | | | | EFM3S*57 | 00: |
| | | PCB 1016 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PCB 1221 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PCB 1232 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PCB 1242 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PCB 1248 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PCB 1254 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PCB 1260 | | .015 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | PPDDD | | .00075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | | TOXAPHENE | | .075 | mg/kg | U | N Y | UJ | LT | 07A | | | | EFM3S*57 | 00: |
| | 1 | 1,2,4-TRICHLOROBENZENE | | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 1,2-DICHLOROBENZENE | | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 1,3-DICHLOROBENZENE | | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 1,4-DICHLOROBENZENE | | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 2,4,6-TRICHLOROPHENOL | | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 2,4-DICHLOROPHENOL | | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 2,4-DIMETHYLPHENOL | | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | 2,4-DINITROPHENOL | | 1.3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*57 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 65 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP03 | | 1 | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A | 08B | | | EFM3S*57 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*57 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 4-CHLOROANILINE | .3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*57 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZOIC ACID | 1.4 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*57 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .16 | mg/kg | | Y Y | B | | 06A 05B | | | | EFM3S*57 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | | | | | EFM3S*57 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .041 | mg/kg | J | Y Y | J | LT | 15 24 | | | | EFM3S*57 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*57 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 66 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|-----|-----|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP03 | 1 | | HEXACHLOROETHANE | .1 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*57 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N | Y | UJ | LT | 05B | | | | EFM3S*57 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N | Y | U | LT | | | | | EFM3S*57 | 00: |
| | | | | | | | | | | | | | | | | |
| 17-TP04 | N 0 1 | | 1,1,1-TRICHLOROETHANE | .036 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |
| | | | 1,1,2,2-TETRACHLOROETHANE | .0054 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*218 | 00: |
| | | | 1,1,2-TRICHLOROETHANE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | 1,1-DICHLOROETHANE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | 1,1-DICHLOROETHYLENE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | 1,2-DICHLOROETHANE | .0042 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | 1,2-DICHLOROETHENE (TOTAL) | .00045 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*218 | 00: |
| | | | 1,2-DICHLOROPROPANE | .016 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |
| | | | 2-HEXANONE (MBK) | .027 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*218 | 00: |
| | | | ACETONE | .026 | mg/kg | J | Y | Y | J | | 05B 15 | | | | FMSV*218 | 00: |
| | | | BENZENE | .00061 | mg/kg | J | Y | Y | J | | 15 | | | | FMSV*218 | 00: |
| | | | BROMODICHLOROMETHANE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | BROMOFORM | .0054 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*218 | 00: |
| | | | BROMOMETHANE | .011 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CARBON DISULFIDE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CARBON TETRACHLORIDE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CHLOROBENZENE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CHLOROETHANE | .011 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CHLOROFORM | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CHLOROMETHANE | .011 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | CIS-1,3-DICHLOROPROPENE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | DIBROMOCHLOROMETHANE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | ETHYLBENZENE | .0056 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |
| | | | METHYL ETHYL KETONE (MEK) | .027 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*218 | 00: |
| | | | METHYLENE CHLORIDE | .019 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |
| | | | METHYLISOBUTYL KETONE (MIBK) | .027 | mg/kg | U | N | Y | UJ | | 05B | | | | FMSV*218 | 00: |
| | | | STYRENE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | TETRACHLOROETHENE | .048 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |
| | | | TOLUENE | .0075 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |
| | | | TRANS-1,3-DICHLOROPROPENE | .0054 | mg/kg | U | N | Y | U | | | | | | FMSV*218 | 00: |
| | | | TRICHLOROETHENE | .017 | mg/kg | | Y | Y | | | | | | | FMSV*218 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 67 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|---------------------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP04 | | N 0 1 | VINYL ACETATE | .011 | mg/kg | U | N Y | U | | | | | | FMSV*218 | 00: |
| | | | VINYL CHLORIDE | .011 | mg/kg | U | N Y | U | | | | | | FMSV*218 | 00: |
| | | | XYLENE, TOTAL | .024 | mg/kg | | Y Y | | | | | | | FMSV*218 | 00: |
| | | 1 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | .211 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*58 | 00: |
| | | | 2,4-D | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | 2,4-DB | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | 245T | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | 245TP | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | DALAPON | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | DICAMBA | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | DICHLOROPROP | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | DINOSEB | .0105 | mg/kg | U | N Y | UJ | LT | 02A | | | | EFM3S*58 | 00: |
| | | | MCPP | .211 | mg/kg | U | N Y | R | LT | 02A 11A | | | | EFM3S*58 | 00: |
| | | 1 | 1,3,5-TRINITROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 1,3-DINITROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2,4,6-TRINITROTOLUENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2,4-DINITROTOLUENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-AMINO-4,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-NITROTOLUENE | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 3-NITROTOLUENE | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4-AMINO-2,6-DINITROTOLUENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4-NITROTOLUENE | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | CYCLOTETRAMETHYLENETETRANITRAMINE | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | NITROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | RDX | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | TETRYL | .2 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | 1 | ALUMINUM | 4950 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | ANTIMONY | .95 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | ARSENIC | 2.4 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | BARIUM | 35.8 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | BERYLLIUM | .169 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | CADMIUM | .095 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | CALCIUM | 253 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | CHROMIUM | 11.6 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | COBALT | 1.48 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | COPPER | 2 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | IRON | 8750 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | LEAD | 9.06 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | MAGNESIUM | 179 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | MANGANESE | 71.7 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 68 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Reason Codes | | Lab Sample: | Anal Tim | | |
|----------------|-------------------------------|---|------------|---------|--------|-------|---------|-----|--------------|----|-------------|----------|----------|-----|
| | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP04 | 1 | MERCURY | .048 | mg/kg | | | Y | Y | | | | | EFM3S*58 | 00: |
| | | NICKEL | 2.11 | mg/kg | | | Y | Y | | | | | EFM3S*58 | 00: |
| | | POTASSIUM | 116 | mg/kg | | | Y | Y | | | | | EFM3S*58 | 00: |
| | | SELENIUM | .476 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | SILVER | .19 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | SODIUM | 369 | mg/kg | | | Y | Y | | | | | EFM3S*58 | 00: |
| | | THALLIUM | .48 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | VANADIUM | 15.8 | mg/kg | | | Y | Y | | | | | EFM3S*58 | 00: |
| | | ZINC | 13.7 | mg/kg | | | Y | Y | | | | | EFM3S*58 | 00: |
| | | 2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | 1 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ALDRIN | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ALPHA-CHLORDANE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ALPHA-HEXACHLOROCYCLOHEXANE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | BETA-HEXACHLOROCYCLOHEXANE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | CHLORDANE | .0035 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | DELTA-HEXACHLOROCYCLOHEXANE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | DIELDRIN | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ENDOSULFAN I | .00071 | mg/kg | U | | N | Y | UJ | LT | 05B | | EFM3S*58 | 00: |
| | | ENDOSULFAN II | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ENDOSULFAN SULFATE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ENDRIN | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | ENDRIN ALDEHYDE | .00071 | mg/kg | U | | N | Y | UJ | LT | 04 | | EFM3S*58 | 00: |
| | | GAMMA-CHLORDANE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | HEPTACHLOR | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | HEPTACHLOR EPOXIDE | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | LINDANE | .00071 | mg/kg | U | | N | Y | UJ | LT | 05B | | EFM3S*58 | 00: |
| | | METHOXYCHLOR | .00071 | mg/kg | U | | N | Y | UJ | LT | 04 | | EFM3S*58 | 00: |
| | | PCB 1016 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PCB 1221 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PCB 1232 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PCB 1242 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PCB 1248 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PCB 1254 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PCB 1260 | .014 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | PPDDD | .00071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | TOXAPHENE | .071 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | 1 | 1,2,4-TRICHLOROBENZENE | .1 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | 1,2-DICHLOROBENZENE | .07 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | 1,3-DICHLOROBENZENE | .07 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | 1,4-DICHLOROBENZENE | .07 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |
| | | 2,4,5-TRICHLOROPHENOL | .3 | mg/kg | U | | N | Y | U | LT | | | EFM3S*58 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 69 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Lab Sample: | Anal Tim |
|----------------|-------------------------------|--------------|------------------------------|---------|--------|-------|---------|-----|---------------|--------------|-----|----|----|-------------|----------|
| | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| 17-TP04 | | 1 | 2,4,6-TRICHLOROPHENOL | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2,4-DICHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2,4-DIMETHYLPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2,4-DINITROPHENOL | 1.3 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*58 | 00: |
| | | | 2,4-DINITROTOLUENE | .14 | mg/kg | U | N Y | UJ | LT | 08A | 08B | | | EFM3S*58 | 00: |
| | | | 2,6-DINITROTOLUENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-CHLORONAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-METHYLNAPHTHALENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 2-NITROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 3,3'-DICHLOROBENZIDINE | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 3-METHYL-4-CHLOROPHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 3-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4,6-DINITRO-2-CRESOL | 1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4-BROMOPHENYL PHENYL ETHER | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*58 | 00: |
| | | | 4-CHLOROPHENYL PHENYL ETHER | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4-NITROANILINE | .3 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | 4-NITROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | ACENAPHTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | ACENAPHTHYLENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | ALPHA-PINENE | .527 | mg/kg | | Y Y | | | | | | | EFM3S*58 | 00: |
| | | | ANTHRACENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BENZOIC ACID | .14 | mg/kg | J | Y Y | J | LT | 15 | 24 | | | EFM3S*58 | 00: |
| | | | BENZO[A]ANTHRACENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BENZO[A]PYRENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BENZO[B]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BENZO[DEF]PHENANTHRENE | .07 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*58 | 00: |
| | | | BENZO[GHI]PERYLENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BENZO[K]FLUORANTHENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BENZYL ALCOHOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BIS(2-CHLOROETHOXY) METHANE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BIS(2-CHLOROETHYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BIS(2-CHLOROISOPROPYL) ETHER | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | BIS(2-ETHYLHEXYL) PHTHALATE | .033 | mg/kg | J | Y Y | B | LT | 06A | 05B | 15 | 24 | EFM3S*58 | 00: |
| | | | BUTYLBENZYL PHTHALATE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*58 | 00: |
| | | | CHRYSENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | DI-N-BUTYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | DI-N-OCTYL PHTHALATE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | DIBENZOFURAN | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | DIBENZ[AH]ANTHRACENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | DIETHYL PHTHALATE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | DIMETHYL PHTHALATE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |

Validation Qualifier Data Entry Verification

Run Date: May 21, 2001

Fort McClellan

Page: 70 of 70

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | VQlfr / Code: | Reason Codes | | | | Anal Tim | |
|----------------|-------------------------------|--------------|---------------------------|---------|--------|-------|---------|-----|---------------|--------------|---|---|---|-------------|-----|
| | | | | | | | | | | 1 | 2 | 3 | 4 | Lab Sample: | |
| 17-TP04 | | 1 | FLUORANTHENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | FLUORENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | HEXACHLOROBENZENE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | HEXACHLOROBUTADIENE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | HEXACHLOROCYCLOPENTADIENE | 1 | mg/kg | U | N Y | R | LT | 11A | | | | EFM3S*58 | 00: |
| | | | HEXACHLOROETHANE | .1 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | INDENO[1,2,3-C,D]PYRENE | .16 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | ISOPHORONE | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | N-NITROSODI-N-PROPYLAMINE | .1 | mg/kg | U | N Y | UJ | LT | 05B | | | | EFM3S*58 | 00: |
| | | | N-NITROSODIPHENYLAMINE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | NAPHTHALENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | NITROBENZENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | O-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | P-CRESOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | PENTACHLOROPHENOL | .5 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | PHENANTHRENE | .07 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |
| | | | PHENOL | .14 | mg/kg | U | N Y | U | LT | | | | | EFM3S*58 | 00: |

***Data Validation Summary Report
For Data Collected By IT Corporation at the
Ground Scar with Trenches at Littlebrant Drive, Parcel 154(7)
Fort McClellan, Calhoun County, Alabama***

1.0 Introduction

Level III data validation was performed on 100% of the environmental water samples collected at Parcel GSBP-154. The analytical data consisted of one sample delivery group (SDG), CK815401, which was analyzed by Quanterra Incorporated. The chemical parameters for which the samples were analyzed, are identified below:

| Parameter (Method) |
|--|
| Volatile Organic Compounds by SW-846 8260B |
| Semivolatile Organic Compounds by SW-846 8270C |
| Organochlorine Pesticides by SW-846 8081A |
| Herbicides by SW-846 8151 |
| Nitroaromatics / Nitramines by SW-846 8330 |
| PCBs by SW-846 8082 |
| Inorganic Compounds (TAL Metals) by SW-846 6010B/7470/7471 |

2.0 Procedures

The sample data were validated following the logic identified in the *USEPA Contract Laboratory Program (CLP) National Functional Guidelines For Inorganic Data Review (February 1994)* and *USEPA Contract Laboratory Program National Functional Guidelines For Organic Review (October 1999)* for all areas except Blanks. *Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (April 1993)* and *Region III National Functional Guidelines for Organic Data Review (June 1992)* were applied to the areas associated with blank contamination. Specific quality control (QC) criteria, as identified in the Quality Assurance Plan (QAP), analytical methods, and laboratory Standard Operating Procedures (SOP's) were applied to all sample results. As the result of the use of Update III SW846 test methods for the analytical data and the application of the CLP guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, Gas Chromatograph (GC) and Gas Chromatograph/Mass Spectra (GC/MS) calibration areas and is due to the fact that the analytical methods are "performance-based", and allows the use of average calibration responses, in lieu of, individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC

criteria were determined to address all target compounds and are identified in this report for each parameter, as well as, in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements (i. e. SW846, CFR, SOP's) and technical judgement, following the logic of the CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable with minimal qualification. The only rejected data ('R' qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, e.g.), which exhibited poor calibration responses in the associated calibration data, and samples that were reanalyzed and have more than one result reported. The 'R' qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for Parcel GSBP-154. It also identifies the "use" column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions are also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatiles by SW-846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

- The following demonstrated RRFs below 0.1 in the ICAL and/or CCAL: Non-detect results were rejected (qualified 'R'); Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

| SDG | Sample Number | Compound(s) | Validation Qualifier |
|----------|--|--|----------------------|
| CK815401 | BQ3048, BQ3049, BQ3050, BQ3051, BQ3052 | Acetone, 2-Butanone, Bromochloromethane, Dibromomethane, 1,2-Dibromo-3-chloropropane | R/B/J |

- The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20: Non-detect results were estimated (qualified 'UJ'); Unless rejected (qualified 'R') due to ICAL/CCAL minimum RRF criteria not met; Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

| SDG | Sample Number | Compound(s) | Validation Qualifier |
|----------|--|---|----------------------|
| CK815401 | BQ3048, BQ3049, BQ3050, BQ3051, BQ3052 | Methylene Chloride | UJ |
| CK815401 | BQ3048, BQ3050, BQ3051, BQ3052 | Acetone, 2-Butanone, Bromodichloromethane, cis-1,3-Dichloropropene, 2-Hexanone, Chlorodibromomethane, o-Xylene, m&p-Xylene, Styrene, Bromoform, Bromobenzene, 4-Chlorotoluene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, Naphthalene, 1,2,3-Trichlorobenzene | R/B/J/UJ |
| CK815401 | BQ3049 | 1,2,3-Trichloropropane | UJ |

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip, and method blanks was applied to all sample results. All were found to be acceptable with the exception of the following:

| SDG | Sample Number | Compound(s) | Blank Contaminant(s) | Validation Qualifier |
|----------|----------------|---------------|----------------------|----------------------|
| CK815401 | BQ3048, BQ3049 | Chloromethane | Trip Blank | B |
| CK815401 | BQ3049 | Acetone | Method / TB | B |

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Internal Standards

The associated target compounds' internal standard areas and retention times for all samples were within the control limits.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria were met.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.2 Semivolatile Organic Compounds by SW-846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20:

| SDG | Sample Number | Compound(s) | Validation Qualifier |
|----------|-----------------------------------|--|----------------------|
| CK815401 | BQ3048, BQ3050, BQ3051, BQ3052 | 4,6-Dinitro-2-methylphenol, 2,4-Dinitrophenol, 4-Nitrophenol | UJ |

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met.

Internal Standards

The associated target compounds' internal standard areas and retention times for all samples were within the control limits.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria were met.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.3 Pesticides by GC SW-846 8081A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples. All was acceptable no qualification was necessary.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable, no qualification was necessary.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC limits. No qualification was necessary.

Matrix Spike / Matrix Spike Duplicate

MS/MSD were performed for the project samples, and all QC criteria were met. No qualification was necessary.

Laboratory Control Sample

Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met. No qualification was necessary.

Field Duplicates

Original and field duplicate results were evaluated and no problems were noted, with the exception of the following:

| SDG | Sample Number | Compound(s) | Validation Qualifier |
|----------|--------------------------------|-----------------|----------------------|
| CK815401 | BQ3050 (original), BQ3051 (FD) | Endrin aldehyde | J |

Confirmation

Percent difference between the original and confirmation analysis were evaluated and no problems were noted, with the exception of the following:

| SDG | Sample Number | Compound(s) | Validation Qualifier |
|----------|----------------|---|----------------------|
| CK815401 | BQ3048 | 4,4'-DDD, Dieldrin, Endosulfan sulfate, Endrin aldehyde | J |
| CK815401 | BQ3050, BQ3051 | Delta-BHC | J |
| CK815401 | BQ3050 | Endrin | J |

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.4 Herbicides by GC SW-846 8151

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples. All was acceptable no qualification was necessary.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable, no qualification was necessary.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC limits. No qualification was necessary.

Matrix Spike / Matrix Spike Duplicate

MS/MSD were performed for the project samples, and all QC criteria were met. No qualification was necessary.

Laboratory Control Sample

Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met. No qualification was necessary.

Field Duplicates

Original and field duplicate results were evaluated and no problems were noted.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.5 Nitroaromatics / Nitramines by HPLC SW-846 8330

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples. All was acceptable no qualification was necessary.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable, no qualification was necessary.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC limits. No qualification was necessary.

Matrix Spike / Matrix Spike Duplicate

MS/MSD were performed for the project samples, and all QC criteria were met. No qualification was necessary.

Laboratory Control Sample

Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met. No qualification was necessary.

Field Duplicates

Original and field duplicate results were evaluated and no problems were noted.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.6 PCBs by GC SW-846 8082

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples. All was acceptable no qualification was necessary.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable, no qualification was necessary.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC limits. No qualification was necessary.

Matrix Spike / Matrix Spike Duplicate

MS/MSD were performed for the project samples, and all QC criteria were met. No qualification was necessary.

Laboratory Control Sample

Laboratory Control Sample (LCS) was performed for the project samples and all QC criteria were met. No qualification was necessary.

Field Duplicates

Original and field duplicate results were evaluated and no problems were noted.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.7 Metals by SW-846 6010B/7471/7470A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were found to be acceptable, with the exception of the following:

| SDG | Sample Number | Metal(s) | Blank Contaminant | Validation Qualifier |
|----------|---|-----------|-------------------|----------------------|
| CK815401 | BQ3048, BQ3049, BQ3050, BQ3051, BQ3052, | Beryllium | Calibration | B |
| CK815401 | BQ3048, BQ3049, BQ3051, BQ3052 | Mercury | Method/Calib/ER | B |
| CK815401 | BQ3048, BQ3052 | Copper | Calibration | B |
| CK815401 | BQ3048 | Sodium | Calibration | B |
| CK815401 | BQ3048, BQ3049 | Thallium | Calibration | B |

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample (LCS)

LCS was performed for the project samples and all QC criteria were met.

Interference Check Sample (ICS)

All ICS % recoveries were acceptable and all QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project samples.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria were met.

Quantitation

Results quantitated between the IDL and the RL ("B" flagged by the laboratory) were qualified as estimated (J), unless qualified "B", due to blank contamination.

ATTACHMENT A

Validation Qualifiers

- U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R The reported sample results are rejected due to the following:
 1. Severe deficiencies in the supporting quality control data.
 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
 3. The presence or absence of the constituent cannot be verified based on the data provided.
 4. To indicate not to use a particular result in the event of a reanalysis.
- UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the "nondetect" may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

| Reason Code | Description |
|--------------------|---|
| 01 | Sample received outside of 4+/-2 degrees Celsius |
| 01A | Improper sample preservation |
| 02 | Holding time exceeded |
| 02A | Extraction |
| 02B | Analysis |
| 03 | Instrument performance – outside criteria |
| 03A | BFB |
| 03B | DFTPP |
| 03C | DDT and/or Endrin % breakdown exceeds criteria |
| 03D | Retention time windows |
| 03E | Resolution |
| 04 | Initial calibration results outside specified criteria |
| 04A | Compound mean RRF QC criteria not met |
| 04B | Individual % RSD criteria not met |
| 04C | Correlation coefficient >0.995 |
| 05 | Continuing calibration results outside specified criteria |
| 05A | Compound mean RRF QC criteria not met |
| 05B | Compound % D QC criteria not met |
| 06 | Result qualified as a result of the 5x/10x blank correction |
| 06A | Method or preparation blank |
| 06B | ICB or CCB |
| 06C | ER |
| 06D | TB |
| 06E | FB |
| 07 | Surrogate recoveries outside control limits |
| 07A | Sample |
| 07B | Associated method blank or LCS |
| 08 | MS/MSD/Duplicate results outside criteria |
| 08A | MS and/or MSD recovery not within control limits (accuracy) |
| 08B | % RPD outside acceptance criteria (precision) |
| 09 | Post digestion spike outside criteria (GFAA) |
| 10 | Internal standards outside specified control limits |
| 10A | Recovery |
| 10B | Retention time |
| 11 | Laboratory control sample recoveries outside specified limits |
| 11A | Recovery |
| 11B | % RPD (if run in duplicate) |
| 12 | Interference check standard |
| 13 | Serial dilution |
| 14 | Tentatively identified compounds |
| 15 | Quantitation |
| 16 | Multiple results available; alternate analysis preferred |
| 17 | Field duplicate RPD criteria is exceeded |
| 18 | Percent difference between original and second column exceeds QC criteria |
| 19 | Professional judgement was used to qualify the data |
| 20 | Pesticide clean-up checks |
| 21 | Target compound identification |
| 22 | Radiological calibration |
| 23 | Radiological quantitation |
| 24 | Reported result and/or lab qualifier revised to reflect validation findings |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 1 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3048 | SW6010 | TOTREC | N 0 1 | ALUMINUM | 2.86 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | ANTIMONY | .06 | mg/L | U | N Y U | U | | | | | | | D65J2W | 15:10 |
| | | | | ARSENIC | .004 | mg/L | B | Y Y P | J | | | 15 | | | | D65J2W | 15:10 |
| | | | | BARIUM | .085 | mg/L | B | Y Y P | J | | | 15 | | | | D65J2W | 15:10 |
| | | | | BERYLLIUM | .00092 | mg/L | B | Y Y F | B | | 06B | 15 | | | | D65J2W | 15:10 |
| | | | | CADMIUM | .005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 15:10 |
| | | | | CALCIUM | 3.3 | mg/L | B | Y Y P | J | | 15 | | | | | D65J2W | 15:10 |
| | | | | CHROMIUM | .049 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | COBALT | .0236 | mg/L | B | Y Y P | J | | 15 | | | | | D65J2W | 15:10 |
| | | | | COPPER | .019 | mg/L | B | Y Y F | B | | 06B | 15 | | | | D65J2W | 15:10 |
| | | | | IRON | 9.58 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | LEAD | .0071 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | MAGNESIUM | 1.44 | mg/L | B | Y Y P | J | | 15 | | | | | D65J2W | 15:10 |
| | | | | MANGANESE | 1.85 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | NICKEL | .0524 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | POTASSIUM | 6.3 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| | | | | SELENIUM | .005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 15:10 |
| | | | | SILVER | .01 | mg/L | U | N Y U | U | | | | | | | D65J2W | 15:10 |
| | | | | SODIUM | 1.66 | mg/L | B | Y Y F | B | | 06B | 15 | | | | D65J2W | 15:10 |
| | | | | THALLIUM | .006 | mg/L | B | Y Y F | B | | 06B | 15 | | | | D65J2W | 15:10 |
| | | | | VANADIUM | .0121 | mg/L | B | Y Y P | J | | 15 | | | | | D65J2W | 15:10 |
| | | | | ZINC | .0342 | mg/L | | Y Y P | | | | | | | | D65J2W | 15:10 |
| SW7470 | TOTAL | N 0 1 | | MERCURY | .00016 | mg/L | B | Y Y F | B | | 06A 06C | 15 | | | | D65J2W | 17:43 |
| | | | | 4,4'-DDD | .000054 | mg/L | P | Y Y P | J | | 18 | | | | | D65J2W | 18:25 |
| SW8081 | SW3520 | N 0 1 | | 4,4'-DDE | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | 4,4'-DDT | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | ALDRIN | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | ALPHA-BHC | .000049 | mg/L | J | Y Y P | J | | 15 | | | | | D65J2W | 18:25 |
| | | | | BETA-BHC | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | CHLORDANE (TECHNICAL) | .0005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | DELTA-BHC | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | DIELDRIN | .00006 | mg/L | P | Y Y P | J | | 18 | | | | | D65J2W | 18:25 |
| | | | | ENDOSULFAN I | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | ENDOSULFAN II | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | ENDOSULFAN SULFATE | .00011 | mg/L | P | Y Y P | J | | 18 | | | | | D65J2W | 18:25 |
| | | | | ENDRIN | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | ENDRIN ALDEHYDE | .00024 | mg/L | P | Y Y P | J | | 18 | | | | | D65J2W | 18:25 |
| | | | | ENDRIN KETONE | .000022 | mg/L | J | Y Y P | J | | 15 | | | | | D65J2W | 18:25 |
| | | | | GAMMA-BHC (LINDANE) | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | HEPTACHLOR | .000039 | mg/L | J | Y Y P | J | | 15 | | | | | D65J2W | 18:25 |
| | | | | HEPTACHLOR EPOXIDE | .00005 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | METHOXYCHLOR | .0001 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |
| | | | | TOXAPHENE | .002 | mg/L | U | N Y U | U | | | | | | | D65J2W | 18:25 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 2 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|---------------------------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3048 | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | SW8151 | METHOD | N 0 1 | AROCLOR 1260 | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 04:42 |
| | | | | 2,4,5-T | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | 2,4,5-TP (SILVEX) | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | 2,4-D | .004 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | 2,4-DB | .004 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | DALAPON | .002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | DICAMBA | .002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | DICHLORPROP | .004 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | DINOSEB | .0006 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | MCPA | .4 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | MCPP | .4 | mg/L | U | N Y | U | U | | | | | | D65J2W | 05:31 |
| | | | | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65J2W | 03:31 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y | U | R | | 04A 05A 05B | | | | D65J2W | 03:31 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65J2W | 03:31 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65J2W | 03:31 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y | U | R | | 04A 05A 05B | | | | D65J2W | 03:31 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | U | UJ | | 05B | | | | D65J2W | 03:31 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65J2W | 03:31 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | U | U | | | | | | D65J2W | 03:31 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 3 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|------------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|--------|-------|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3048 | SW8260 | SW5030 | N 0 1 | ACETONE | .01 | mg/L | U | N Y U | R | 04A | 05A | 05B | D65J2W | 03:31 | | | |
| | | | | BENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y U | R | 04A | 05A | | D65J2W | 03:31 | | | |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | BROMOFORM | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | CHLOROFORM | .00044 | mg/L | J | Y Y P | J | | | 15 | D65J2W | 03:31 | | | |
| | | | | CHLOROMETHANE | .00014 | mg/L | J | Y Y F | B | 06D | 15 | | D65J2W | 03:31 | | | |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N Y U | R | 04A | 05A | | D65J2W | 03:31 | | | |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N Y U | UJ | 04B | 05B | | D65J2W | 03:31 | | | |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | NAPHTHALENE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | O-XYLENE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | P-ISOPROPYLtolUENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | STYRENE | .001 | mg/L | U | N Y U | UJ | | | 05B | D65J2W | 03:31 | | | |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | TOLUENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | TRICHLOROFUOROMETHANE | .002 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N Y U | U | | | | D65J2W | 03:31 | | | |
| SW8270 | SW3520 | N 0 1 | | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | D65J2W | 21:58 | | | |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | D65J2W | 21:58 | | | |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | D65J2W | 21:58 | | | |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | D65J2W | 21:58 | | | |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N Y U | U | | | | D65J2W | 21:58 | | | |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 4 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|-----|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3048 | SW8270 | SW3520 | N 0 1 | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N | Y | U | UJ | | 04B | 05B | | D65J2W | 21:58 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | D65J2W | 21:58 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N | Y | U | UJ | | 05B | | | D65J2W | 21:58 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | CARBAZOLE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | CHRYSENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | DI-N-BUTYL PHTHALATE | .0076 | mg/L | J | Y | Y | P | J | | 15 | | | D65J2W | 21:58 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N | Y | U | U | | | | | D65J2W | 21:58 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 5 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qtfr: | Hit Use | BCF | Val Qtfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|--------|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3048 | SW8270 | SW3520 | N 0 1 | FLUORENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | HEXAChLOROETHANE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | ISOPHORONE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | NITROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | PHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | | | | PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65J2W | 21:58 |
| | SW8330 | METHOD | N 0 1 | 1,3,5-TRINITROBENZENE | .00043 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 1,3-DINITROBENZENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 2,4,6-TRINITROTOLUENE | .00029 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 2,4-DINITROTOLUENE | .0005 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 2,6-DINITROTOLUENE | .00036 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 2-AMINO-4,6-DINITROTOLUENE | .00054 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 2-NITROTOLUENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 3-NITROTOLUENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 4-AMINO-2,6-DINITROTOLUENE | .00056 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | 4-NITROTOLUENE | .00027 | mg/L | GU | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | HMX | .0005 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| BQ3049 | SW6010 | TOTREC | N 0 1 | NITROBENZENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | RDX | .0005 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | TETRYL | .0002 | mg/L | U | N Y | U | U | | | | | | D65J2W | 09:58 |
| | | | | ALUMINUM | 9.32 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | ANTIMONY | .06 | mg/L | U | N Y | U | U | | | | | | D698GW | 15:23 |
| | | | | ARSENIC | .01 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | BARIUM | .132 | mg/L | B | Y | Y | P | J | | 15 | | | D698GW | 15:23 |
| | | | | BERYLLIUM | .0016 | mg/L | B | Y | Y | F | B | | 06B 15 | | | D698GW | 15:23 |
| | | | | CADMIUM | .005 | mg/L | U | N Y | U | U | | | | | | D698GW | 15:23 |
| | | | | CALCIUM | 1.64 | mg/L | B | Y | Y | P | J | | 15 | | | D698GW | 15:23 |
| | | | | CHROMIUM | .0108 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | COBALT | .0704 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | COPPER | .0292 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | IRON | 17.2 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | LEAD | .014 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |
| | | | | MAGNESIUM | 1.48 | mg/L | B | Y | Y | P | J | | 15 | | | D698GW | 15:23 |
| | | | | MANGANESE | 3.56 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 6 of 24

| Sample Number: | Analytical/Extraction Method: | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: | | |
|----------------|-------------------------------|--------------|------------|-----------------------|---------|-------|---------|-----|----------|-----------|--------------|---|-----|-----|-------------|----------------|--------|-------|
| | | | | | | | | | | | 1 | 2 | 3 | 4 | | | | |
| BQ3049 | SW6010 | TOTREC | N 0 1 | NICKEL | .0542 | mg/L | Y | Y | P | | | | | | | D698GW | 15:23 | |
| | | | | POTASSIUM | 4.8 | mg/L | B | Y | Y | P | J | | | | | D698GW | 15:23 | |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | U | U | | | | | D698GW | 15:23 | |
| | | | | SILVER | .01 | mg/L | U | N | Y | U | U | | | | | D698GW | 15:23 | |
| | | | | SODIUM | 2.25 | mg/L | B | Y | Y | P | J | | | | | D698GW | 15:23 | |
| | | | | THALLIUM | .0052 | mg/L | B | Y | Y | F | B | | 06B | 15 | | D698GW | 15:23 | |
| | | | | VANADIUM | .0277 | mg/L | B | Y | Y | P | J | | 15 | | | D698GW | 15:23 | |
| | | | | ZINC | .0708 | mg/L | | Y | Y | P | | | | | | D698GW | 15:23 | |
| | | | | MERCURY | .000092 | mg/L | B | Y | Y | F | B | | 06A | 06B | 06C | 15 | D698GW | 16:25 |
| | | | | 4,4'-DDD | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| SW7470 | TOTAL | N 0 1 | | 4,4'-DDE | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | 4,4'-DDT | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ALDRIN | .000024 | mg/L | J | Y | Y | P | J | | 15 | | | D698GW | 21:21 | |
| | | | | ALPHA-BHC | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | BETA-BHC | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | CHLORDANE (TECHNICAL) | .0005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | DELTA-BHC | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | DIELDRIN | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ENDOSULFAN I | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ENDOSULFAN II | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ENDOSULFAN SULFATE | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ENDRIN | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ENDRIN ALDEHYDE | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | ENDRIN KETONE | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | GAMMA-BHC (LINDANE) | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | HEPTACHLOR | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | HEPTACHLOR EPOXIDE | .00005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | METHOXYCHLOR | .0001 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| | | | | TOXAPHENE | .002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:21 | |
| SW8082 | SW3520 | N 0 1 | | AROCLOL 1016 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| | | | | AROCLOL 1221 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| | | | | AROCLOL 1232 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| | | | | AROCLOL 1242 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| | | | | AROCLOL 1248 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| | | | | AROCLOL 1254 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| | | | | AROCLOL 1260 | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 14:01 | |
| SW8151 | METHOD | N 0 1 | | 2,4,5-T | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |
| | | | | 2,4,5-TP (SILVEX) | .001 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |
| | | | | 2,4-D | .004 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |
| | | | | 2,4-DB | .004 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |
| | | | | DALAPON | .002 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |
| | | | | DICAMBA | .002 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |
| | | | | DICHLORPROP | .004 | mg/L | U | N | Y | U | U | | | | | D698GW | 03:07 | |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 7 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|----------------|---|-----|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3049 | SW8151 | METHOD | N 0 1 | DINOSEB | .0006 | mg/L | U | N Y | U | U | | | | | | D698GW | 03:07 |
| | | | | MCPA | .4 | mg/L | U | N Y | U | U | | | | | | D698GW | 03:07 |
| | | | | MCPP | .4 | mg/L | U | N Y | U | U | | | | | | D698GW | 03:07 |
| | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N Y | U | UJ | | | | 04B | | D698GW | 21:43 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y | U | R | | | | 04A | | D698GW | 21:43 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y | U | R | | | | 04A | | D698GW | 21:43 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | ACETONE | .0011 | mg/L | JB | Y Y | F | B | | 06A 06D 04A 15 | | | | D698GW | 21:43 |
| | | | | BENZENE | .00025 | mg/L | J | Y Y | P | J | | 15 | | | | D698GW | 21:43 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y | U | R | | | | 04A | | D698GW | 21:43 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | BROMOFORM | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CHLOROFORM | .001 | mg/L | U | N Y | U | U | | | | | | D698GW | 21:43 |
| | | | | CHLOROMETHANE | .00015 | mg/L | J | Y Y | F | B | | 06D 15 | | | | D698GW | 21:43 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 8 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit | Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: | |
|----------------|-------------------------------|--------|-------|------------------------------|---------|--------|-------|-----|-----|-----|----------|-----------|--------------|-----|---|---|-------------|----------------|-------|
| | Flt | REX | Dil: | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| BQ3049 | SW8260 | SW5030 | N 0 1 | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N | Y | U | R | | | 04A | | | | D698GW | 21:43 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | HEXAChLOROBUTADIENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N | Y | U | UJ | | | 04B | | | | D698GW | 21:43 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | O-XYLENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | P-ISOPROPYLtolUENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | STYRENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TOLUENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | TRICHLOROFUOROMETHANE | .002 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 21:43 |
| SW8270 | SW3520 | N 0 1 | | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N | Y | U | U | | | | | | | D698GW | 04:27 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 9 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3049 | SW8270 | SW3520 | N 0 1 | 3-NITROANILINE | .05 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | CARBAZOLE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | CHRYSENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | DI-N-BUTYL PHTHALATE | .0024 | mg/L | J | Y Y | P | J | | 15 | | | | D698GW | 04:27 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | FLUORENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | HEXAChLOROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | HEXAChLOROBUTADIENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | HEXAChLOROCYCLOPENTADIENE | .05 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | HEXAChLOROETHANE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | ISOPHORONE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | NITROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |
| | | | | PHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D698GW | 04:27 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 10 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|--------|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3049 | SW8270 | SW3520 | N 0 1 | PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | D698GW | 04:27 |
| | | | | 1,3,5-TRINITROBENZENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 1,3-DINITROBENZENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 2,4,6-TRINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 2,4-DINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 2,6-DINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 2-AMINO-4,6-DINITROTOLUENE | .00027 | mg/L | GU | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 2-NITROTOLUENE | .001 | mg/L | GU | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 3-NITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 4-AMINO-2,6-DINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | 4-NITROTOLUENE | .00053 | mg/L | GU | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | HMX | .0005 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | NITROBENZENE | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | RDX | .00055 | mg/L | GU | N | Y | U | U | | | | | D698GW | 21:00 |
| | | | | TETRYL | .0002 | mg/L | U | N | Y | U | U | | | | | D698GW | 21:00 |
| BQ3050 | SW6010 | TOTREC | N 0 1 | ALUMINUM | 10.6 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | ANTIMONY | .06 | mg/L | U | N | Y | U | U | | | | | D65D6W | 14:35 |
| | | | | ARSENIC | .0104 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | BARIUM | .17 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | BERYLLIUM | .0019 | mg/L | B | Y | Y | F | B | | 06B 15 | | | D65D6W | 14:35 |
| | | | | CADMIUM | .005 | mg/L | U | N | Y | U | U | | | | | D65D6W | 14:35 |
| | | | | CALCIUM | 3.18 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | CHROMIUM | .0167 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | COBALT | .032 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | COPPER | .0332 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | IRON | 18.8 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | LEAD | .0132 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | MAGNESIUM | 2.46 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | MANGANESE | 4 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | NICKEL | .0412 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| | | | | POTASSIUM | 4.9 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | SELENIUM | .005 | mg/L | U | N | Y | U | U | | | | | D65D6W | 14:35 |
| | | | | SILVER | .01 | mg/L | U | N | Y | U | U | | | | | D65D6W | 14:35 |
| | | | | SODIUM | 1.54 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | THALLIUM | .0059 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | VANADIUM | .0277 | mg/L | B | Y | Y | P | J | | 15 | | | D65D6W | 14:35 |
| | | | | ZINC | .0678 | mg/L | | Y | Y | P | | | | | | D65D6W | 14:35 |
| SW7470 | TOTAL | N 0 1 | | MERCURY | .0002 | mg/L | U | N | Y | U | U | | | | | D65D6W | 17:28 |
| SW8081 | SW3520 | N 0 1 | | 4,4'-DDD | .00005 | mg/L | U | N | Y | U | U | | | | | D65D6W | 16:31 |
| | | | | 4,4'-DDE | .00005 | mg/L | U | N | Y | U | U | | | | | D65D6W | 16:31 |
| | | | | 4,4'-DDT | .00005 | mg/L | U | N | Y | U | U | | | | | D65D6W | 16:31 |
| | | | | ALDRIN | .00005 | mg/L | U | N | Y | U | U | | | | | D65D6W | 16:31 |
| | | | | ALPHA-BHC | .000023 | mg/L | J | Y | Y | P | J | | 15 | | | D65D6W | 16:31 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 11 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|---------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3050 | SW8081 | SW3520 | N 0 1 | BETA-BHC | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | CHLORDANE (TECHNICAL) | .0005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | DELTA-BHC | .000081 | mg/L | P | Y Y | P J | | | 18 | | | | D65D6W | 16:31 |
| | | | | DIELDRIN | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | ENDOSULFAN I | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | ENDOSULFAN II | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | ENDOSULFAN SULFATE | .000042 | mg/L | J | Y Y | P J | | 15 | | | | | D65D6W | 16:31 |
| | | | | ENDRIN | .000055 | mg/L | P | Y Y | P J | | 18 | | | | | D65D6W | 16:31 |
| | | | | ENDRIN ALDEHYDE | .000079 | mg/L | | Y Y | P J | | 17 | | | | | D65D6W | 16:31 |
| | | | | ENDRIN KETONE | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | GAMMA-BHC (LINDANE) | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | HEPTACHLOR | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | HEPTACHLOR EPOXIDE | .00005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | METHOXYCHLOR | .0001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | | | | TOXAPHENE | .002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:31 |
| | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| | | | | AROCLOR 1260 | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:13 |
| SW8151 | METHOD | N 0 1 | | 2,4,5-T | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | 2,4,5-TP (SILVEX) | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | 2,4-D | .004 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | 2,4-DB | .004 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | DALAPON | .002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | DICAMBA | .002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | DICHLOROPROP | .004 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | DINOSEB | .0006 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | MCPA | .4 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | CPPP | .4 | mg/L | U | N Y | U | U | | | | | | D65D6W | 03:07 |
| | | | | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| SW8260 | SW5030 | N 0 1 | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65D6W | 01:46 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65D6W | 01:46 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 12 of 24

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|--------------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|----|--------|-------------|----------------|
| | | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3050 | SW8260 | SW5030 | N 0 1 | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y | U | R | 04A | 05A | 05B | | D65D6W | 01:46 | |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y | U | R | 04A | 05A | 05B | | D65D6W | 01:46 | |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | ACETONE | .0014 | mg/L | J | Y Y | P | J | 04A | 05A | 05B | 15 | D65D6W | 01:46 | |
| | | | | BENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y | U | R | 04A | 05A | | | D65D6W | 01:46 | |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | BROMOFORM | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CHLOROFORM | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CHLOROMETHANE | .00028 | mg/L | J | Y Y | P | J | | | | 15 | D65D6W | 01:46 | |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N Y | U | R | 04A | 05A | | | D65D6W | 01:46 | |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N Y | U | UJ | 04B | 05B | | | D65D6W | 01:46 | |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | NAPHTHALENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | O-XYLENE | .001 | mg/L | U | N Y | U | UJ | | | | | D65D6W | 01:46 | |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | D65D6W | 01:46 | |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 13 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|------------|-------|------------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-------|---|---|-------------|----------------|
| | Fit | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3050 | SW8260 | SW5030 | N 0 1 | STYRENE | .001 | mg/L | U | N Y | U | UJ | 05B | D65D6W | 01:46 | | | | |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | TOLUENE | .001 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | TRICHLOROFLUOROMETHANE | .002 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N Y | U | U | | D65D6W | 01:46 | | | | |
| | | | | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| SW8270 | SW3520 | N 0 1 | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | | |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N Y | U | UJ | 04B 05B | D65D6W | 16:24 | | | | |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| ACENAPHTHENE | ACENAPHTHYLENE | ANTHRACENE | | 3-NITROANILINE | .05 | mg/L | U | N Y | U | U | 05B | D65D6W | 16:24 | | | | |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N Y | U | UJ | | D65D6W | 16:24 | | | | |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N Y | U | UJ | | D65D6W | 16:24 | | | | |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | ANTHRACENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | D65D6W | 16:24 | | | | |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 14 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|--|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|----|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3050 | SW8270 | SW3520 | N 0 1 | BENZO(GHI)PERYLENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | BIS(2-CHLOROETHoxy)METHANE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | CARBAZOLE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | CHRYSENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | DI-N-BUTYL PHTHALATE | .001 | mg/L | J | Y Y | P | J | | | | 15 | | D65D6W | 16:24 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | FLUORENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | HEXAChLOROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | HEXAChLOROBUTADIENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | HEXAChLOROCYCLOPENTADIENE | .05 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | HEXAChLOROETHANE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | ISOPHORONE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | NITROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | PHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| | | | | PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65D6W | 16:24 |
| SW8330 | METHOD | N 0 1 | 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,6-DINITROTOLUENE 2-AMINO-4,6-DINITROTOLUENE 2-NITROTOLUENE 3-NITROTOLUENE 4-AMINO-2,6-DINITROTOLUENE 4-NITROTOLUENE HMX NITROBENZENE RDX | 1,3,5-TRINITROBENZENE | .00057 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 1,3-DINITROBENZENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 2,4,6-TRINITROTOLUENE | .0012 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 2,4-DINITROTOLUENE | .0006 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 2,6-DINITROTOLUENE | .00087 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 2-AMINO-4,6-DINITROTOLUENE | .0016 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 2-NITROTOLUENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 3-NITROTOLUENE | .00036 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 4-AMINO-2,6-DINITROTOLUENE | .0013 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | 4-NITROTOLUENE | .0002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | HMX | .0005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | NITROBENZENE | .00081 | mg/L | GU | N Y | U | U | | | | | | D65D6W | 09:21 |
| | | | | RDX | .0005 | mg/L | U | N Y | U | U | | | | | | D65D6W | 09:21 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 15 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3050 | SW8330 | METHOD | N 0 1 | TETRYL | .0002 | mg/L | U | N Y | U | U | | | | | | D65D6W | 09:21 |
| BQ3051 | SW6010 | TOTREC | N 0 1 | ALUMINUM | 10.9 | mg/L | U | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | ANTIMONY | .06 | mg/L | U | N Y | | U | | | | | | D65DCW | 14:39 |
| | | | | ARSENIC | .0112 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | BARIUM | .192 | mg/L | B | Y Y | J | | | 15 | | | | D65DCW | 14:39 |
| | | | | BERYLLIUM | .0019 | mg/L | B | Y Y | | B | | 06B 15 | | | | D65DCW | 14:39 |
| | | | | CADMIUM | .005 | mg/L | U | N Y | | U | | | | | | D65DCW | 14:39 |
| | | | | CALCIUM | 3.43 | mg/L | B | Y Y | J | | | 15 | | | | D65DCW | 14:39 |
| | | | | CHROMIUM | .0169 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | COBALT | .0341 | mg/L | B | Y Y | J | | | 15 | | | | D65DCW | 14:39 |
| | | | | COPPER | .0348 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | IRON | 19.6 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | LEAD | .0139 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | MAGNESIUM | 2.62 | mg/L | B | Y Y | J | | | 15 | | | | D65DCW | 14:39 |
| | | | | MANGANESE | 4.48 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | NICKEL | .0431 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | POTASSIUM | 5.26 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| | | | | SELENIUM | .005 | mg/L | U | N Y | | U | | | | | | D65DCW | 14:39 |
| | | | | SILVER | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 14:39 |
| | | | | SODIUM | 1.63 | mg/L | B | Y Y | J | | 15 | | | | | D65DCW | 14:39 |
| | | | | THALLIUM | .0066 | mg/L | B | Y Y | J | | 15 | | | | | D65DCW | 14:39 |
| | | | | VANADIUM | .0289 | mg/L | B | Y Y | J | | 15 | | | | | D65DCW | 14:39 |
| | | | | ZINC | .07 | mg/L | | Y Y | | | | | | | | D65DCW | 14:39 |
| SW7470 | TOTAL | N 0 1 | | MERCURY | .00018 | mg/L | B | Y Y | | B | | 06A 15 06C | | | | D65DCW | 17:31 |
| SW8081 | SW3520 | N 0 1 | | 4,4'-DDD | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | 4,4'-DDE | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | 4,4'-DDT | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | ALDRIN | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | ALPHA-BHC | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | BETA-BHC | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | CHLORDANE (TECHNICAL) | .0005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | DELTA-BHC | .00006 | mg/L | P | Y Y | J | | 18 | | | | | D65DCW | 15:32 |
| | | | | DIELDRIN | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | ENDOSULFAN I | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | ENDOSULFAN II | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | ENDOSULFAN SULFATE | .000035 | mg/L | J | Y Y | J | | 15 | | | | | D65DCW | 15:32 |
| | | | | ENDRIN | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | ENDRIN ALDEHYDE | .000028 | mg/L | J | Y Y | J | | 17 15 | | | | | D65DCW | 15:32 |
| | | | | ENDRIN KETONE | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | GAMMA-BHC (LINDANE) | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | HEPTACHLOR | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | HEPTACHLOR EPOXIDE | .00005 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | | | | METHOXYCHLOR | .0001 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 16 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3051 | SW8081 | SW3520 | N 0 1 | TOXAPHENE | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:32 |
| | SW8082 | SW3520 | N 0 1 | AROCLOR 1016 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | | | | AROCLOR 1221 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | | | | AROCLOR 1232 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | | | | AROCLOR 1242 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | | | | AROCLOR 1248 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | | | | AROCLOR 1254 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | | | | AROCLOR 1260 | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:29 |
| | SW8151 | METHOD | N 0 1 | 2,4,5-T | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | 2,4,5-TP (SILVEX) | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | 2,4-D | .004 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | 2,4-DB | .004 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | DALAPON | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | DICAMBA | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | DICHLORPROP | .004 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | DINOSEB | .0006 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | MCPA | .4 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | | | | MCPP | .4 | mg/L | U | N Y | | U | | | | | | D65DCW | 03:36 |
| | SW8260 | SW5030 | N 0 1 | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y | | R | | 04A 05A 05B | | | | D65DCW | 02:12 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y | | R | | 04A 05A 05B | | | | D65DCW | 02:12 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 17 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|---------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|-----|----|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3051 | SW8260 | SW5030 | N 0 1 | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | ACETONE | .0016 | mg/L | J | Y Y | | J | | 04A | 05A | 05B | 15 | D65DCW | 02:12 |
| | | | | BENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y | | R | | 04A | 05A | | | D65DCW | 02:12 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | BROMOFORM | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CHLOROFORM | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CHLOROMETHANE | .00032 | mg/L | J | Y Y | | J | | 15 | | | | D65DCW | 02:12 |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N Y | | R | | 04A | 05A | | | D65DCW | 02:12 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N Y | | UJ | | 04B | 05B | | | D65DCW | 02:12 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | O-XYLENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | STYRENE | .001 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 02:12 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | TOLUENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | TRICHLOROFUOROMETHANE | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N Y | | U | | | | | | D65DCW | 02:12 |
| SW8270 | SW3520 | N 0 1 | | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 18 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|------------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3051 | SW8270 | SW3520 | N 0 1 | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N Y | | UJ | | 04B | 05B | | | D65DCW | 15:39 |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 15:39 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N Y | | UJ | | 05B | | | | D65DCW | 15:39 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | ANTHRACENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BENZO(GHI)PERYLENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | CARBAZOLE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | CHRYSENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 19 of 24

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|--------------|----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|----|---|-------------|----------------|
| | | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3051 | SW8270 | SW3520 | N 0 I | FLUORANTHENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | FLUORENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | HEXAChLOROETHANE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | ISOPHORONE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | NITROBENZENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | PHENOL | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | | | | PYRENE | .01 | mg/L | U | N Y | | U | | | | | | D65DCW | 15:39 |
| | SW8330 | METHOD | N 0 I | 1,3,5-TRINITROBENZENE | .00036 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 1,3-DINITROBENZENE | .0002 | mg/L | U | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 2,4,6-TRINITROTOLUENE | .00066 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 2,4-DINITROTOLUENE | .0006 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 2,6-DINITROTOLUENE | .00079 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 2-AMINO-4,6-DINITROTOLUENE | .002 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 2-NITROTOLUENE | .0063 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 3-NITROTOLUENE | .00042 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 4-AMINO-2,6-DINITROTOLUENE | .0002 | mg/L | U | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | 4-NITROTOLUENE | .0002 | mg/L | U | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | HMX | .0006 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | NITROBENZENE | .00043 | mg/L | GU | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | RDX | .0005 | mg/L | U | N Y | | U | | | | | | D65DCW | 08:56 |
| | | | | TETRYL | .0002 | mg/L | U | N Y | | U | | | | | | D65DCW | 08:56 |
| BQ3052 | SW6010 | TOTREC | N 0 I | ALUMINUM | 5.95 | mg/L | | Y Y | P | | | | | | | D65DDW | 14:43 |
| | | | | ANTIMONY | .06 | mg/L | U | N Y | U | U | | | | | | D65DDW | 14:43 |
| | | | | ARSENIC | .0055 | mg/L | B | Y Y | P | J | | | | | | D65DDW | 14:43 |
| | | | | BARIUM | .0827 | mg/L | B | Y Y | P | J | | | | | | D65DDW | 14:43 |
| | | | | BERYLLIUM | .0024 | mg/L | B | Y Y | F | B | | | 06B | 15 | | D65DDW | 14:43 |
| | | | | CADMIUM | .005 | mg/L | U | N Y | U | U | | | | | | D65DDW | 14:43 |
| | | | | CALCIUM | .974 | mg/L | B | Y Y | P | J | | | | | | D65DDW | 14:43 |
| | | | | CHROMIUM | .062 | mg/L | | Y Y | P | | | | | | | D65DDW | 14:43 |
| | | | | COBALT | .022 | mg/L | B | Y Y | P | J | | | | | | D65DDW | 14:43 |
| | | | | COPPER | .0166 | mg/L | B | Y Y | F | B | | | 06B | 15 | | D65DDW | 14:43 |
| | | | | IRON | 10.6 | mg/L | | Y Y | P | | | | | | | D65DDW | 14:43 |
| | | | | LEAD | .0103 | mg/L | | Y Y | P | | | | | | | D65DDW | 14:43 |
| | | | | MAGNESIUM | 1.03 | mg/L | B | Y Y | P | J | | | | | | D65DDW | 14:43 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 20 of 24

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|--------------|-----------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|----|---|-------------|----------------|
| | | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3052 | SW6010 | TOTREC | N 0 1 | MANGANESE | 1.02 | mg/L | | Y Y P | | | | | | | | D65DDW | 14:43 |
| | | | | NICKEL | .0536 | mg/L | | Y Y P | | | | | | | | D65DDW | 14:43 |
| | | | | POTASSIUM | 2.39 | mg/L | B | Y Y P | J | | | | | | | D65DDW | 14:43 |
| | | | | SELENIUM | .005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 14:43 |
| | | | | SILVER | .01 | mg/L | U | N Y U | U | | | | | | | D65DDW | 14:43 |
| | | | | SODIUM | .832 | mg/L | B | Y Y P | J | | | | | | | D65DDW | 14:43 |
| | | | | THALLIUM | .006 | mg/L | B | Y Y P | J | | | | | | | D65DDW | 14:43 |
| | | | | VANADIUM | .0192 | mg/L | B | Y Y P | J | | | | | | | D65DDW | 14:43 |
| | | | | ZINC | .0424 | mg/L | | Y Y P | | | | | | | | D65DDW | 14:43 |
| | | | | MERCURY | .00014 | mg/L | B | Y Y F | B | | | 06A | 06C | 15 | | D65DDW | 17:33 |
| SW7470 | TOTAL | N 0 1 | | 4,4'-DDD | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | 4,4'-DDE | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | 4,4'-DDT | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | ALDRIN | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | ALPHA-BHC | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | BETA-BHC | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | CHLORDANE (TECHNICAL) | .0005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | DELTA-BHC | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | DIELDRIN | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | ENDOSULFAN I | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | ENDOSULFAN II | .000028 | mg/L | J | Y Y P | J | | | 15 | | | | D65DDW | 16:02 |
| | | | | ENDOSULFAN SULFATE | .000032 | mg/L | J | Y Y P | J | | | 15 | | | | D65DDW | 16:02 |
| | | | | ENDRIN | .00004 | mg/L | J | Y Y P | J | | | 15 | | | | D65DDW | 16:02 |
| | | | | ENDRIN ALDEHYDE | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | ENDRIN KETONE | .000014 | mg/L | J | Y Y P | J | | | 15 | | | | D65DDW | 16:02 |
| | | | | GAMMA-BHC (LINDANE) | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | HEPTACHLOR | .000036 | mg/L | J | Y Y P | J | | | 15 | | | | D65DDW | 16:02 |
| | | | | HEPTACHLOR EPOXIDE | .00005 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | METHOXYCHLOR | .0001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| | | | | TOXAPHENE | .002 | mg/L | U | N Y U | U | | | | | | | D65DDW | 16:02 |
| SW8082 | SW3520 | N 0 1 | | AROCLOL 1016 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| | | | | AROCLOL 1221 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| | | | | AROCLOL 1232 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| | | | | AROCLOL 1242 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| | | | | AROCLOL 1248 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| | | | | AROCLOL 1254 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| | | | | AROCLOL 1260 | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:51 |
| SW8151 | METHOD | N 0 1 | | 2,4,5-T | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 04:05 |
| | | | | 2,4,5-TP (SILVEX) | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 04:05 |
| | | | | 2,4-D | .004 | mg/L | U | N Y U | U | | | | | | | D65DDW | 04:05 |
| | | | | 2,4-DB | .004 | mg/L | U | N Y U | U | | | | | | | D65DDW | 04:05 |
| | | | | DALAPON | .002 | mg/L | U | N Y U | U | | | | | | | D65DDW | 04:05 |
| | | | | DICAMBA | .002 | mg/L | U | N Y U | U | | | | | | | D65DDW | 04:05 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 21 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|-----|---|-----|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3052 | SW8151 | METHOD | N 0 1 | DICHLORPROP | .004 | mg/L | U | N Y | U | U | | | | | | D65DDW | 04:05 |
| | | | | DINOSEB | .0006 | mg/L | U | N Y | U | U | | | | | | D65DDW | 04:05 |
| | | | | MCPA | .4 | mg/L | U | N Y | U | U | | | | | | D65DDW | 04:05 |
| | | | | MCPP | .4 | mg/L | U | N Y | U | U | | | | | | D65DDW | 04:05 |
| SW8260 | SW5030 | N 0 1 | | 1,1,1,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,1,1-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,1,2,2-TETRACHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,1,2-TRICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,1-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,1-DICHLOROETHENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,1-DICHLOROPROPENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,2,3-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | | | | 05B | D65DDW | 02:38 |
| | | | | 1,2,3-TRICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,2,4-TRICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,2,4-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,2-DIBROMO-3-CHLOROPROPANE | .002 | mg/L | U | N Y | U | R | | 04A 05A | 05B | | | D65DDW | 02:38 |
| | | | | 1,2-DIBROMOETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,2-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | | 05B | | | D65DDW | 02:38 |
| | | | | 1,2-DICHLOROETHANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,3,5-TRIMETHYLBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,3-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,3-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 1,4-DICHLOROBENZENE | .001 | mg/L | U | N Y | U | UJ | | | 05B | | | D65DDW | 02:38 |
| | | | | 2,2-DICHLOROPROPANE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 2-BUTANONE | .005 | mg/L | U | N Y | U | R | | 04A 05A | 05B | | | D65DDW | 02:38 |
| | | | | 2-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | 2-HEXANONE | .005 | mg/L | U | N Y | U | UJ | | 05B | | | | D65DDW | 02:38 |
| | | | | 4-CHLOROTOLUENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65DDW | 02:38 |
| | | | | 4-METHYL-2-PENTANONE | .005 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | ACETONE | .01 | mg/L | U | N Y | U | R | | 04A 05A | 05B | | | D65DDW | 02:38 |
| | | | | BENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | BROMOBENZENE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65DDW | 02:38 |
| | | | | BROMOCHLOROMETHANE | .001 | mg/L | U | N Y | U | R | | 04A 05A | | | | D65DDW | 02:38 |
| | | | | BROMODICHLOROMETHANE | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65DDW | 02:38 |
| | | | | BROMOFORM | .001 | mg/L | U | N Y | U | UJ | | 05B | | | | D65DDW | 02:38 |
| | | | | BROMOMETHANE | .002 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | CARBON DISULFIDE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | CARBON TETRACHLORIDE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | CHLOROBENZENE | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | CHLORODIBROMOMETHANE | .001 | mg/L | U | N Y | U | UJ | | | 05B | | | D65DDW | 02:38 |
| | | | | CHLOROETHANE | .002 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |
| | | | | CHLOROFORM | .001 | mg/L | U | N Y | U | U | | | | | | D65DDW | 02:38 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 22 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|------------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---------|--------|--------|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3052 | SW8260 | SW5030 | N 0 1 | CHLOROMETHANE | .00014 | mg/L | J | Y Y P | J | | | 15 | 04A 05A | D65DDW | 02:38 | | |
| | | | | CIS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | CIS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y U | UJ | | | | | | | D65DDW | 02:38 |
| | | | | DIBROMOMETHANE | .001 | mg/L | U | N Y U | R | | | | | | | D65DDW | 02:38 |
| | | | | DICHLORODIFLUOROMETHANE | .002 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | ETHYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | HEXACHLOROBUTADIENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | ISOPROPYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | M-XYLENE & P-XYLENE | .001 | mg/L | U | N Y U | UJ | | | | | | | D65DDW | 02:38 |
| | | | | METHYLENE CHLORIDE | .001 | mg/L | U | N Y U | UJ | | | | | | | D65DDW | 02:38 |
| | | | | N-BUTYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | N-PROPYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | NAPHTHALENE | .001 | mg/L | U | N Y U | UJ | | | | | | | D65DDW | 02:38 |
| | | | | O-XYLENE | .001 | mg/L | U | N Y U | UJ | | | | | | | D65DDW | 02:38 |
| | | | | P-ISOPROPYLTOLUENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | SEC-BUTYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | STYRENE | .001 | mg/L | U | N Y U | UJ | | | | | | | D65DDW | 02:38 |
| | | | | TERT-BUTYLBENZENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | TETRACHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | TOLUENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | TRANS-1,2-DICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | TRANS-1,3-DICHLOROPROPENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | TRICHLOROETHENE | .001 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | TRICHLOROFUOROMETHANE | .002 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| | | | | VINYL CHLORIDE | .002 | mg/L | U | N Y U | U | | | | | | | D65DDW | 02:38 |
| SW8270 | SW8270 | SW3520 | N 0 1 | 1,2,4-TRICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | 04B 05B | D65DDW | 16:01 | | | |
| | | | | 1,2-DICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 1,3-DICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 1,4-DICHLOROBENZENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,2'-OXYBIS(1-CHLOROPROPANE) | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,4,5-TRICHLOROPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,4,6-TRICHLOROPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,4-DICHLOROPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,4-DIMETHYLPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,4-DINITROPHENOL | .05 | mg/L | U | N Y U | UJ | | | | | | D65DDW | 16:01 | |
| | | | | 2,4-DINITROTOLUENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2,6-DINITROTOLUENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2-CHLORONAPHTHALENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2-CHLOROPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2-METHYLNAPHTHALENE | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2-METHYLPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2-NITROANILINE | .05 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |
| | | | | 2-NITROPHENOL | .01 | mg/L | U | N Y U | U | | | | | | D65DDW | 16:01 | |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 23 of 24

| Sample Number: | Analytical/Extraction Method: | | Flt REX Dil: | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|--------------|-----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|-----|-----|-------------|----------------|
| | 1 | 2 | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3052 | SW8270 | SW3520 | N 0 1 | 3,3'-DICHLOROBENZIDINE | .05 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 3-NITROANILINE | .05 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4,6-DINITRO-2-METHYLPHENOL | .05 | mg/L | U | N Y | U | UJ | | | | | 05B | D65DDW | 16:01 |
| | | | | 4-BROMOPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4-CHLORO-3-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4-CHLOROANILINE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4-CHLOROPHENYL PHENYL ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4-METHYLPHENOL | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4-NITROANILINE | .05 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | 4-NITROPHENOL | .05 | mg/L | U | N Y | U | UJ | | | | 05B | | D65DDW | 16:01 |
| | | | | ACENAPHTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | ACENAPHTHYLENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BENZ(A)ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BENZO(A)PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BENZO(B)FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BENZO(GH)PERYLENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BENZO(K)FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BIS(2-CHLOROETHOXY)METHANE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BIS(2-CHLOROETHYL) ETHER | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BIS(2-ETHYLHEXYL) PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | BUTYL BENZYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | CARBAZOLE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | CHRYSENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | DI-N-BUTYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | DI-N-OCTYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | DIBENZ(A,H)ANTHRACENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | DIBENZOFURAN | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | DIETHYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | DIMETHYL PHTHALATE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | FLUORANTHENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | FLUORENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | HEXACHLOROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | HEXACHLOROBUTADIENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | HEXACHLOROCYCLOPENTADIENE | .05 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | HEXACHLOROETHANE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | INDENO(1,2,3-CD)PYRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | ISOPHORONE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | N-NITROSODI-N-PROPYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | N-NITROSODIPHENYLAMINE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | NAPHTHALENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | NITROBENZENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | PENTACHLOROPHENOL | .05 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |
| | | | | PHENANTHRENE | .01 | mg/L | U | N Y | U | U | | | | | | D65DDW | 16:01 |

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

Fort McClellan

Page: 24 of 24

| Sample Number: | Analytical/Extraction Method: | | | Parameter: | Result: | Units: | Qlfr: | Hit Use | BCF | Val Qlfr | Val Code: | Reason Codes | | | | Lab Sample: | Analysis Time: |
|----------------|-------------------------------|--------|-------|----------------------------|---------|--------|-------|---------|-----|----------|-----------|--------------|---|---|---|-------------|----------------|
| | Flt | REX | Dil: | | | | | | | | | 1 | 2 | 3 | 4 | | |
| BQ3052 | SW8270 | SW3520 | N 0 1 | PHENOL | .01 | mg/L | U | N | Y | U | U | | | | | D65DDW | 16:01 |
| | | | | PYRENE | .01 | mg/L | U | N | Y | U | U | | | | | D65DDW | 16:01 |
| | SW8330 | METHOD | N 0 1 | 1,3,5-TRINITROBENZENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 1,3-DINITROBENZENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 2,4,6-TRINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 2,4-DINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 2,6-DINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 2-AMINO-4,6-DINITROTOLUENE | .00028 | mg/L | | | Y | Y | P | | | | | D65DDW | 09:08 |
| | | | | 2-NITROTOLUENE | .00037 | mg/L | | | Y | Y | P | | | | | D65DDW | 09:08 |
| | | | | 3-NITROTOLUENE | .0017 | mg/L | GU | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 4-AMINO-2,6-DINITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | 4-NITROTOLUENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | HMX | .0005 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | NITROBENZENE | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | RDX | .0005 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |
| | | | | TETRYL | .0002 | mg/L | U | N | Y | U | U | | | | | D65DDW | 09:08 |